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FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION

U.S. NATIONAL BUREAU OF STANDARDS / INSTITUTE FOR APPLIED TECHNOLOGY

June 15, 1967 Volume 17, Number 11

TECHNICAL TRANSLATIONS

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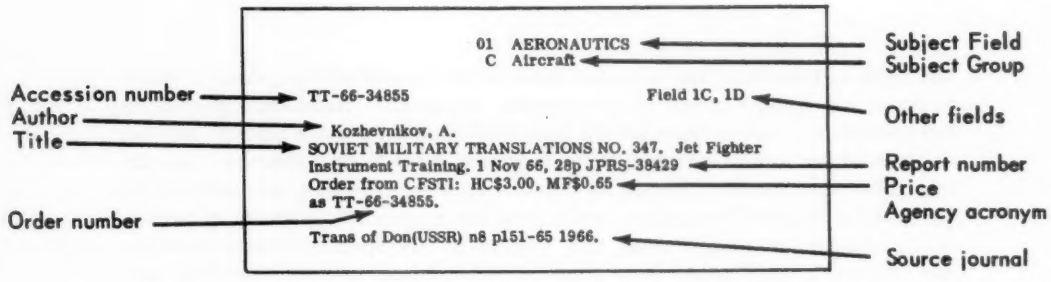

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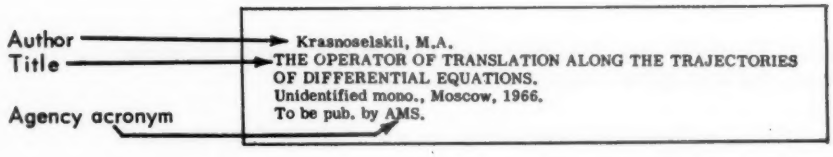

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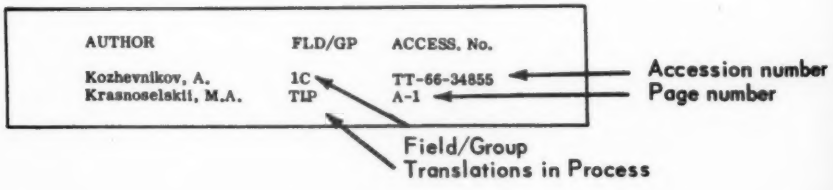

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02	AGRICULTURE	1

Includes agricultural chemistry; agricultural economics; agricultural engineering; agronomy and horticulture; animal husbandry; and forestry. See also related field: 06 Biological and Medical Sciences.

03	ASTRONOMY AND ASTROPHYSICS	3

Includes astronomy; astrophysics; and celestial mechanics.

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Includes atmospheric physics and meteorology.

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Includes administration and management; documentation and information technology; economics; history, law and political science; human factors engineering; humanities; linguistics; man-machine relations; personnel selection, training, and evaluation; psychology (individual and group behavior); and sociology. See also related field: 06 Biological and Medical Sciences.

06	BIOLOGICAL AND MEDICAL SCIENCES	9

Includes biochemistry; bioengineering; biology; bionics; clinical medicine; environmental biology; escape, rescue, and survival; food; hygiene and sanitation; industrial (occupational) medicine; life support; medical and hospital equipment and supplies; microbiology; personnel selection and maintenance (medical); pharmacology; physiology; protective equipment; radiobiology; stress physiology; toxicology; and weapon effects. See also related fields: 02 Agriculture, 05 Behavioral and Social Sciences, and 07 Chemistry.

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Includes biological oceanography; cartography; dynamic oceanography; geochemistry; geodesy; geography; geology and mineralogy; hydrology and limnology; mining engineering; physical oceanography; seismology; snow, ice, and permafrost; soil mechanics; and terrestrial magnetism. See also related field: 04 Atmospheric Sciences.

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13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING 40

Includes air conditioning, heating, lighting, and ventilating; civil engineering; construction equipment, materials, and supplies; containers and packaging; couplings, fittings, fasteners, and joints; ground transportation equipment; hydraulic and pneumatic equipment; industrial processes; machinery and tools; marine engineering; pumps, filters, pipes, tubing, fittings, and valves; safety engineering; and structural engineering. See also related fields: 07 Chemistry and 09 Electronics and Electrical Engineering.

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14 METHODS AND EQUIPMENT 56

Includes cost effectiveness; laboratories, test facilities, and test equipment; recording devices; reliability; and reprography.

15 MILITARY SCIENCES 56

Includes antisubmarine warfare; chemical, biological, and radiological warfare; defense; intelligence; logistics; nuclear warfare; nd operations, strategy, and tactics. See also related fields: 16 Missile Technology and 17 Navigation, Communications, Detection and Countermeasures.

16 MISSILE TECHNOLOGY . . . . . No Entries

Includes missile launching and ground support; missile trajectories; missile warheads and fuzes; and missiles. See also related fields: 01 Aeronautics, 17 Navigation, Communications, Detection, and Countermeasures, 19 Ordnance, 21 Propulsion and Fuels, and 22 Space Technology.

17 NAVIGATION, COMMUNICATIONS, DETECTION, AND COUNTERMEASURES 57

Includes acoustic detection; communications; direction finding; electromagnetic and acoustic countermeasures; infrared and ultraviolet detection; magnetic detection; navigation and guidance; optical detection; radar detection; and seismic detection. See also related fields: 09 Electronics and Electrical Engineering and 20 Physics.

18 NUCLEAR SCIENCE AND TECHNOLOGY 57

Includes fusion devices (thermonuclear); isotopes; nuclear explosions; nuclear instrumentation; nuclear power plants; radiation shielding and protection; radioactive wastes and fission products; radioactivity; reactor engineering and operation; reactor materials; reactor physics; reactors (power); reactors (non-power); and SNAP technology. See also related fields: 07 Chemistry, 15 Military Sciences, 18 Nuclear Science and Technology, 20 Physics, and 21 Propulsion and Fuels.

19 ORDNANCE 58

Includes ammunition, explosives; bombs; combat vehicles; explosions, ballistics, and armor; fire control and bombing systems; guns; rockets; and underwater ordnance. See also related field: 18 Nuclear Science and Technology.

20 PHYSICS 58

Includes acoustics, crystallography; electricity and magnetism; fluid mechanics; masers and lasers; optics; particle accelerators; particle physics; plasma physics; quantum theory; solid-mechanics; solid-state physics; thermodynamics and wave propagation. See also related fields: 03 Astronomy and Astrophysics, 07 Chemistry, 09 Electronics and Electrical Engineering, 10 Energy Conversion (Non-propulsive), 11 Materials, 13 Mechanical, Industrial, Civil, and Marine Engineering, and 17 Navigation, Communications, Detection, and Countermeasures.

21 PROPULSION AND FUELS 60

Includes air-breathing engines; combustion and ignition; electric propulsion; fuels; jet and gas turbine engines; nuclear propulsion; reciprocating engines; rocket motors and engines; and rocket propellants. See also related fields: 07 Chemistry and 20 Physics.

22 SPACE TECHNOLOGY 61

Includes astronautics; spacecraft; spacecraft trajectories and reentry; and spacecraft launch vehicles and ground support. See also related fields: 01 Aeronautics, 03 Astronomy and Astrophysics, 16 Missile Technology, 17 Navigation, Communications, Detection, and Countermeasures, and 21 Propulsion and Fuels.

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TECHNICAL TRANSLATIONS

01 AERONAUTICS

A. Aerodynamics

TT-67-61633 Field 1A

Stulov, V. P.; Turchak, L. I.
SUPERSONIC AIR FLOW AROUND A SPHERE TAKING ACCOUNT OF VIBRATIONAL RELAXATION. 1967, 7p, 4refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61633

Trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika Zhidkosti i Gaza, n5 p3-7 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-61643 Field 1A

Belotserkovskii, O. M.; Sedova, E. S.; Shugaev, F. V.
SUPERSONIC FLOW AROUND BODIES OF REVOLUTION WITH A BREAK IN THE GENERATRIX. 1967, 6p, 6refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61643

Trans. of Zhurnal Vychislitelnoi Matematiki i Matematicheskoi Fiziki (USSR) v6 n6 p930-4 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-61647 Field 1A

Voitenko, D. M.; Zubkov, A. I.; Panov, Yu. A.
SUPERSONIC GAS FLOW PAST A CYLINDRICAL PROTUBERANCE ON A PLATE. Tr. by L. J. Holtschlag. 31 Jan 67, 13p, 5refs. TG230-T515; AD-650 960.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-650 960

Trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika Zhidkosti i Gaza, n1 p121-5 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.
Contract NOw-62-0604.

B. Aeronautics

TT-67-31353 Field 1B, 13I, 15C

USSR SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 40. 21 Apr 67, 108p. JPRS-40710.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31353

02 AGRICULTURE

TT-67-31288 Field 2-

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 540. 17 Apr 67, 25p. JPRS-40644.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31288

B. Agricultural economics

TT-67-31276 Field 2B, 13H

USSR AGRICULTURE: TRANSLATIONS NO. 197. 14 Apr 67, 14p. JPRS-40632.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31276

TT-67-31330 Field 2B, 2F, 2D

Popescu, B.; Djokic, D.
EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 541. 19 Apr 67, 25p. JPRS-40687.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31330

Trans. of Probleme Economice (Rumania) v20 n2 p54-67 1967 and from Privredni Pregled (Yugoslavia) 29 Mar p8 1967.

TT-67-31351 Field 2B, 5J, 2D, 2E

NEAR EAST: TRANSLATIONS NO. 93. 20 Apr 67, 45p. JPRS-40708.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31351

TT-67-31361 Field 2B, 2E, 2D

Khlebnikov, V.; Esaulov, P.
USSR AGRICULTURE: TRANSLATIONS NO. 198. 21 Apr 67, 22p. JPRS-40718.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31361

Trans. of Ekonomika Selskogo Khozyaistva (USSR) n2 p3-18 1967.

TT-67-31385 Field 2B, 2F, 2C

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 542. 24 Apr 67, 69p. JPRS-40742.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31385

TT-67-31426 Field 2B, 2E

USSR AGRICULTURE: TRANSLATIONS NO. 200. 27 Apr 67, 49p. JPRS-40783.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31426

C. Agricultural engineering

TT-67-31197 Field 2C, 8H, 2B

Degen, I.; Albulescu, E.
EAST EUROPEAN AGRICULTURE, FORESTRY, AND

FOOD INDUSTRIES: TRANSLATIONS NO. 538.
6 Apr 67, 40p. JPRS-40553.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31197

Trans. of Hidrologiai Kozlony (Hungary) v47 n2 p49-59 1967 and Agricultura Socialista (Rumania) v5 n7(211) p2 1967.

TT-67-61545 Field 2C, 2B

Ravinovich, A. Sh.
ANALYSIS OF THE WEAR OF CULTIVATOR TINES. Tr. by William R. Gill. 1966, 8p, 6refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61545

Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistava (USSR) v21 n6 p27-9 1963.

TT-67-61558 Field 2C, 2B

Sobolev, M. G.
THE PROBLEM OF DECREASING COST AND INCREASING THE WEAR RESISTANCE OF MOLDBOARDS. Tr. by William R. Gill. 1967, 7p (some figs omitted).
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61558

Trans. of Selkhozmashina (USSR) n1 p30-1 1954.

TT-67-61663 Field 2C

Iofinov, A. P.
METHODS OF EVALUATION OF EVENESS OF THE DEPTH OF PLOUGHING. Tr. by C. C. Nikiforoff. 1967, 12p, 5refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61663

Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistva (USSR) v20 n6 p11-5 1962.

TT-67-61664 Field 2C

Ogryzkov, E. P.
EFFECT OF THE SPEED OF MOVEMENT ON THE AGROTECHNICAL INDEXES OF THE PLOUGH. Tr. by C. C. Nikiforoff. 1967, 6p, 3refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61664

Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistva (USSR) v20 n3 p40-1 1962.

TT-67-61668 Field 2C

Prokohorova, J. F.
EFFECTS OF POLYMERIC COATINGS ON ADHERENCE OF THE SOIL TO THE VIBRATING WORKING SURFACES. Tr. by C. C. Nikiforoff. 1967, 9p, 2refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61668

Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistva (USSR) v21 n2 p4-6 1963.

D. Agronomy and horticulture

NCH-208 192 Field 2D

Gildshtein, N. N.
PRODUCTION OF SUN FLOWERS IN 1964 AND PERSPECTIVES OF ITS DEVELOPMENT. 1967, 9p. TC-1983.
Order from TC: $9.50 as TC-1983

Trans. of Masloboino-Zhirovanya Promyshlennost (USSR) v31 p1-4 Mar 1965.

TT-67-31360 Field 2D, 5C

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 684. The Tasks, Rights, and Duties of People-Owned Production Enterprises in East Germany). 21 Apr 67, 30p. JPRS-40717.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31360

Trans. of Gesetzblatt der Deutschen Demokratischen Republik, Pt. II (East Germany) n21 p121-34 1967.

E. Animal husbandry

NCH-207 492 Field 2E, 13H

Katsman, G. M.
THE MECHANISATION OF FLOCK COLLECTION AND TRANSPORTATION (Mekhanizatsiya Sbora i Transportirovaniya Ochesov). Jun 66, 3p, refs. RTS-3226.
Order from NLL: 2s 6d as RTS-3226

Trans. of Mekhanizatsiya i Avtomatizatsiya Proizvodstva (USSR) v19 n6 p17 1965.

NCH-207 493 Field 2E

Ledyaeva, E. M.
INVESTIGATION OF THE MICROSCOPIC ANATOMY OF THE DOMESTIC HEN. IV: STRUCTURE OF THE CROP (Issledovaniya po Mikroskopicheskoi Anatomii Domashnei Kuritsy. IV. Stoenie Zoba). Jun 66, 7p, refs. RTS-3195.
Order from NLL: 15s as RTS-3195

Trans. of Veterinarnyi Institut, Leningrad. Sbornik Rabot (USSR) v17 p174-9 1959.

NCH-208 065 Field 2E

Tikhonov, G. V.; Krasheninnikov, P. N.
ON TREATING DOGS FOR DEMODECTIC MANGE (O Treating Lechenii Sobak pri Zheleznitse). Nov 66, 2p. RTS-3731.
Order from NLL: 2s 6d as RTS-3731

Trans. of Veterinariya (USSR) v33 n12 p34-5 1956.

NCH-208 112 Field 2E

Priselkov, D. O.
INFECTIOUS AND INFESTATIOUS DISEASES PATHOGENISIS AND DIAGNOSIS OF MANGE IN DOMESTIC ANIMALS (Patogenez i Diagnostika Chesotki v Selskohkozyaistvenykh Zhivot Nikh). Oct 66, 7p. RTS-3646.
Order from NLL: 10s as RTS-3646

Trans. of Veterinariya (USSR) v26 n12 p12-5 1949.

NCH-208 214 Field 2E, 11K

Mann, H.
THE SIGNIFICANCE OF DETERGENTS FOR FISHERIES. 1967, 9p. TC-2179.
Order from TC: $9.00 as TC-2179

Trans. of Fette Seifen Anstrichmittel (West Germany) v67 n12 p977-80 1965.

TT-67-31395 Field 2E, 2A, 6F

USSR AGRICULTURE: TRANSLATIONS NO. 199. 24 Apr 67, 26p. JPRS-40752.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31395

F. Forestry

TT-65-50352 Field 2F, 6C

Pachlewski, R.; Pachlewska, J.
MORPHOANATOMICAL INVESTIGATIONS OF PINE (PINUS SILVESTRIS L.) MYCORRHIZAE IN FOREST COMMUNITIES OF THE BIALOWIEZA NATIONAL PARK (Badania Morfologiczno-Anatomiczne Mikoryz Sosny (Pinus Silvestris L.) w Zespolach Lesnych Bialowieskiego Parku Narodowego). 1967, 36p, 18refs. SFCSI-Agr(TT-65-50352).
Order from CFSTI: $3.00 as TT-65-50352

Trans. of Instytut Badawczy Lesnictwa. Prace (Poland) n205 p3-48 1960.

TT-67-61570 Field 2F, 12A

Lure, A. L.
THE FIRST EXPERIMENTS WITH THE USE OF LINEAR PROGRAMMING IN PLANNING WORK. 1967, 48p. ODF-TR-84.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61570

Trans. of mono. Pervye Opyty Primeneniya Lineingo Programmirovaniya v Palnovoi Rabote, Moscow, 1964 p189-207.

TT-67-61571 Field 2F, 2B

Patackas, A. I.
USE OF CHARLIER'S FUNCTION FOR INVESTIGATING THE PATTERN OF STAND STRUCTURE (Primenenie Funktsii Sharle dlya Issledovaniya Zakonomernostei Stroeniya Nasazhdenii). 1967, 15p, refs. ODF-TR-82.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61571

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Lesnoi Zhurnal (USSR) v7 n6 p7-11 1964.

TT-67-61580 Field 2F

Frank, V. V.
FOREST FIRES AND ATMOSPHERIC CONDITIONS. Tr. by Jan Freyman. 1967, 34p, 17refs. ODF-TR-71B.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61580

Trans. of mono. Lesnie Pozhari i Sostoyanie Atmosferi, Moscow, 1964 p83-102.

03 ASTRONOMY AND ASTROPHYSICS

A. Astronomy

NCH-207 706 Field 3A

Malnikov, O. A.; Lengauer, G. G.; Kuprevich, N. F.
ASTRONOMICAL CHROMATIC REFRACTION AND THE PROBLEM OF GUIDING LARGE TELESCOPES (Astronomicheskaya Khormaticheskaya Refraktsiya v Svyazi s Voprosom o Gidirovanii Bolshikh Teleskopov). Sep 66, 9p, refs. RTS-3668.
Order from NLL: 10s as RTS-3668

Trans. of mono. Optich. Nestab. Zemn. Atmos. (sic), n.p., 1965 p5-9.

B. Astrophysics

NCH-207 437 Field 3B

Kolchinskii, I. G.
CORRELATION OF SCINTILLATION OF STAR-IMAGES AT SMALL ANGULAR SEPARATION. Nov 66, 16p, 4refs. RTS-3667.
Order from NLL: 30s as RTS-3667

Trans. of mono. Optich. Nestab. Zemnoi. Atmos. (sic) Moscow, 1965 p10-20.

TT-61-11147-154 Field 3B, 4B, 8C, 8J, 8E, 4A, 22B

SOVIET-BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE NO. 154. 18 Apr 67, 116p. JPRS-40672.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-61-11147-154

Also available on subscription $16.00/year, foreign $20.00/year.

04 ATMOSPHERIC SCIENCES

A. Atmospheric physics

TT-65-50006 Field 4A, 4B, 1C, 17I

Belinskii, V. A.; Pobiyakho, V. A.
AEROLOGY. Tr. by Stanley I. Goodman. 1967, 394p, refs. SFCSI-NASA(TT-65-50006); NASA-TT-F-268.
Order from CFSTI: $3.00 as NASA-TT-F-268

Trans. of mono. Aerologiya, Leningrad, 1962.

TT-67-61651 Field 4A, 20F

LIST OF TRANSLATIONS 1966: FOREIGN LITERATURE RELATING TO THE GEOPHYSICAL SCIENCES. Feb 67, 25p. AD-651 044.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 044

Contract AF 19(628)-3880.

B. Meteorology

TT-65-50379 Field 4B, 4A

Boryczka, J.
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Order from CFSTI: $3.00 as TT-65-50379

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TT-67-31261 Field 4B

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FORMATION OF PRECIPITATION AND MODIFICATION OF HAIL PROCESSES. 1967, 214p, refs.
SFCSI-NSF(TT-67-51377).
Order from CFSTI: $3.00 as TT-67-51377

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TT-67-61621 Field 4B

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-650 886

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Contract AF 19(628)-3880.

05 BEHAVIORAL AND SOCIAL SCIENCES

B. Documentation and information technology

TT-67-31250 Field 5B, 5C, 5A

Voitsikov, B. N.; Rakhman, L. N.
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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31250

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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

C. Economics

TT-67-31223 Field 5C, 2C

MONGOLIA: TRANSLATIONS NO. 129. 10 Apr 67, 28p. JPRS-40579.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31223

TT-67-31229 Field 5C, 5I, 2B

AFRICA: TRANSLATIONS NO. 536. 12 Apr 67, 74p. JPRS-40585.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31229

TT-67-31246 Field 5C, 2B, 5D

ALBANIA: PRESS INFORMATION REPORT NO. 207. 12 Apr 67, 30p. JPRS-40602.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31246

TT-67-31268 Field 5C, 10B

Fundatura, D.; Ciric, S.
EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 352. 13 Apr 67, 41p. JPRS-40624.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31268

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TT-67-31270 Field 5C, 5A

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TT-67-31280 Field 5C, 13H

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 107. 14 Apr 67. JPRS-40636.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31280

TT-67-31295 Field 5C, 13H

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31295

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TT-67-31318 Field 5C, 5K, 5D

AFRICA: TRANSLATIONS NO. 542. 18 Apr 67, 23p. JPRS-40675.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31318

TT-67-31319 Field 5C, 5D, 5K

NEAR EAST: TRANSLATIONS NO. 91. 18 Apr 67, 50p. JPRS-40676.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31319

TT-67-31320 Field 5C, 13H

USSR LABOR: TRANSLATIONS NO. 174. 18 Apr 67, 19p. JPRS-40677.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31320

TT-67-31322 Field 5C, 13I

Golovnyak, Yu. D.
USSR INTERNATIONAL ECONOMIC RELATIONS NO. 89. 18 Apr 67, 9p. JPRS-40679.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31322

Trans. of Sakharnaya Promyshlennost (USSR) n2 p67-9 1967.
Includes news brief.

TT-67-31329 Field 5C, 5A, 5D, 5I

Pusztai, B.; Tatai, Z.
ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 682. 18 Apr 67, 42p. JPRS-40686.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31329

Trans. of Durzhaven Vestnik (Bulgaria) n26 4p 1967 and Kozgazdasagi Szemle (Hungary) n3 p311-9, 370-6 1967.

TT-67-31333 Field 5C, 5D, 5K

NORTH VIETNAM: TRANSLATIONS NO. 149. 19 Apr 67, 34p. JPRS-40690.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31333

TT-67-31344 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 329. 19 Apr 67, 57p. JPRS-40701.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31344

TT-67-31354 Field 5C, 5A, 5D

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 330. 21 Apr 67, 54p. JPRS-40711.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31354

TT-67-31355 Field 5C, 5A, 5D

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 683. 21 Apr 67, 74p. JPRS-40712.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31355

TT-67-31358 Field 5C, 5K, 5D, 2D

AFRICA: TRANSLATIONS NO. 546. 21 Apr 67, 22p. JPRS-40715.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31358

TT-67-31366 Field 5C, 5D

LA STAMPA AND LA STAMPA SERA (3-9 APR 67): INDEX NO. 362. 21 Apr 67, 10p. JPRS-40723.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31366

Index to contents of la Stampa (Italy) 4-9 Apr 1967 and la Stampa Sera (Italy) 3 Apr 67.

TT-67-31374 Field 5C

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EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 520. 24 Apr 67, 37p. JPRS-40731.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31374

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TT-67-31376 Field 5C, 6C, 5D, 15G

NORTH VIETNAM: TRANSLATIONS NO. 152. 24 Apr 67, 15p. JPRS-40733.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31376

TT-67-31381 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 331. 24 Apr 67, 20p. JPRS-40738.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31381

TT-67-31387 Field 5C, 5D

CUBA: TRANSLATIONS NO. 577. 24 Apr 67, 24p. JPRS-40744.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31387

TT-67-31393 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 109. 25 Apr 67, 64p. JPRS-40750.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31393

TT-67-31394 Field 5C, 13I

USSR LABOR: TRANSLATIONS NO. 175. 25 Mar 67, 11p. JPRS-40751.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31394

Trans. from Sovetskaya Litva (Lithuanian SSR) 1 Apr p2 1967 and Pravda, Moscow (USSR) 14 Mar p2 1967.

TT-67-31397 Field 5C

Baranov, A.; Babadzhanov, S. G.
USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 176. 25 Apr 67, 14p. JPRS-40754.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31397

Trans. from Ekonomicheskaya Gazeta (USSR) n8 p38 1967 and of Shveinaya Promyshlennost (USSR) n1 p5-8 1967.

TT-67-31406 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 332. 25 Apr 67, 31p. JPRS-40763.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31406

TT-67-31446 Field 5C

NEAR EAST: TRANSLATIONS NO. 94. 28 Apr 67, 38p. JPRS-40803.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31446

TT-67-31449 Field 5C, 5I

USSR LABOR: TRANSLATIONS NO. 176. 1 May 67, 25p. JPRS-40806.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31449

TT-67-31451 Field 5C

USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 177. 1 May 67, 19p. JPRS-40808.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31451

TT-67-31457 Field 5C, 13H

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 356. 1 May 67, 21p. JPRS-40814.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31457

TT-67-31459 Field 5C, 2B, 5D

Kolomiitsev, P.; Lisitsyn, V.; Romanov, G.; Ivanov, V.; Sibiryakov, N.
COMMUNIST, NO. 4, 1967: SELECTED ARTICLES. 1 May 67, 101p. JPRS-40816.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31459

Trans. of Kommunist, Moscow (USSR) n4 p3-17, 58-104 1967.

D. History, law and political science

TT-67-31184 Field 5D, 5C, 5I

ALBANIA: PRESS INFORMATION REPORT NO. 206. 6 Apr 67, 23p. JPRS-40540.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31184

TT-67-31252 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 539. 12 Apr 67, 32p. JPRS-40608.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31252

TT-67-31253 Field 5D

CUBA: TRANSLATIONS NO. 575. 12 Apr 67, 47p. JPRS-40609.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31253

TT-67-31256 Field 5D, 5C, 5K

NORTH VIETNAM: TRANSLATIONS NO. 145. 12 Apr 67, 14p. JPRS-40612.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31256

TT-67-31258 Field 5D

COMMUNIST CHINA DIGEST NO. 183. 13 Apr 67, 102p. JPRS-40614.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31258

TT-67-31259 Field 5D, 5C, 5K

NEAR EAST: TRANSLATIONS NO. 87. Israel. 13 Apr 67, 37p. JPRS-40615.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31259

TT-67-31262 Field 5D, 5C, 5K

NEAR EAST: TRANSLATIONS NO. 88. 13 Apr 67, 35p. JPRS-40618.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31262

TT-67-31265 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 540. 13 Apr 67, 33p. JPRS-40621.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31265

TT-67-31266 Field 5D, 5C, 5K

NEAR EAST: TRANSLATIONS NO. 89. 13 Apr 67, 50p. JPRS-40622.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31266

TT-67-31274 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 964. 14 Apr 67, 36p. JPRS-40630.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31274

TT-67-31279 Field 5D, 5C, 5K

NEAR EAST: TRANSLATIONS NO. 90. 14 Apr 67, 39p. JPRS-40635.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31279

TT-67-31289 Field 5D, 5C, 5K

NORTH VIETNAM: TRANSLATIONS NO. 147. 17 Apr 67, 29p. JPRS-40645.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31289

TT-67-31293 Field 5D, 5C, 5K

NORTH VIETNAM: TRANSLATIONS NO. 148. 17 Apr 67, 22p. JPRS-40649.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31293

TT-67-31296 Field 5D

COMMUNIST, NO. 3, 1967. 17 Apr 67, 111p. JPRS-40652.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31296

Trans. of Kommunist, Moscow (USSR) n3 p3-12, 37-73, 80-118 1967.

TT-67-31298 Field 5D, 5C, 5K

CUBA: TRANSLATIONS NO. 576. 17 Apr 67, 25p. JPRS-40654.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31298

TT-67-31306 Field 5D

AFRICA: TRANSLATIONS NO. 541. 17 Apr 67, 19p. JPRS-40662.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31306

TT-67-31307 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 965. 17 Apr 67, 42p. JPRS-40663.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31307

TT-67-31311 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 263. 18 Apr 67, 33p. JPRS-40667.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31311

TT-67-31323 Field 5D, 2B, 13H

ALBANIA: PRESS INFORMATION REPORT NO. 208. 18 Apr 67, 14p. JPRS-40680.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31323

TT-67-31324 Field 5D, 5C, 5K, 10B

AFRICA: TRANSLATIONS NO. 543. 18 Apr 67, 52p. JPRS-40681.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31324

TT-67-31340 Field 5D, 5C, 5K

NORTH VIETNAM: TRANSLATIONS NO. 150. 19 Apr 67, 24p. JPRS-40697.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31340

TT-67-31341 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 544. 19 Apr 67, 17p. JPRS-40698.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31341

TT-67-31345 Field 5D

NEAR EAST: TRANSLATIONS NO. 92. 19 Apr 67, 49p. JPRS-40702.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31345

TT-67-31346 Field 5D, 5E

LA STAMPA AND LA STAMPA SERA (27 MAR-2 APR 67): INDEX NO. 361. 19 Apr 67, 9p. JPRS-40703.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31346

Index of contents of la Stampa (Italy) 28 Mar-2 Apr 1967 and la Stampa Sera (Italy) 27 Mar 1967.

TT-67-31352 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 966. 20 Apr 67, 58p. JPRS-40709.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31352

TT-67-31357 Field 5D, 5C, 5K

MONGOLIA: TRANSLATIONS NO. 130. 21 Apr 67, 31p. JPRS-40714.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31357

TT-67-31359 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 967. 21 Apr 67, 15p. JPRS-40716.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31359

TT-67-31363 Field 5D, 5C, 5K

NORTH VIETNAM: TRANSLATIONS NO. 151. 21 Apr 67, 66p. JPRS-40720.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31363

TT-67-31364 Field 5D, 5I, 5C

AFRICA: TRANSLATIONS NO. 547. 21 Apr 67, 45p. JPRS-40721.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31364

TT-67-31371 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 264. Ideological Work in Party Organizations. 24 Apr 67, 13p. JPRS-40728.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31371

TT-67-31382 Field 5D

RED FLAG, NO. 5, 1967: TRANSLATIONS NO. 51. 24 Apr 67, 74p, refs. JPRS-40739.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31382

Trans. of Hung Ch'i (Chinese People's Republic) n5 p3-58 1967.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-31417 Field 5D, 5K

AFRICA: TRANSLATIONS NO. 549. 26 Apr 67, 56p. JPRS-40774.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31417

TT-67-31423 Field 5D, 5K, 5C

IRAN: PRESS INFORMATION REPORT NO. 20. 27 Apr 67, 69p. JPRS-40780.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31423

TT-67-31454 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 265. 1 May 67, 81p. JPRS-40811.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31454

TT-67-31461 Field 5D, 5C.

AFRICA: TRANSLATIONS NO. 552. 1 May 67, 26p. JPRS-40818.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31461

I. Personnel selection, training and evaluation

TT-66-59009/3 Field 5I, 5B

SELECTED BIBLIOGRAPHY OF YUGOSLAV EDUCATIONAL MATERIALS, VOL. 2, NO. 3, 1966. Tr. by Mihailo Markovic; Lazar Stanojevic. 1967, 45p, SFCSI-HEW(TT-66-59009/3).
Order from CFSTI: $3.00 as TT-66-59009/3

TT-67-31275 Field 5I

Marenov, V.; Ilyushin, V.; Morsin, S.; Sova, A.; Gudimov, A.
USSR LABOR: TRANSLATIONS NO. 172. 14 Apr 67, 26p. JPRS-40631.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31275

Trans. from Stroitelnaya Gazeta (USSR) 10 Feb p3; 5 Mar p3 1967 and of Ekonomicheskaya Gazeta (USSR) n10 p32, 36 1967.

TT-67-31287 Field 5I

Shkurko, S.; Yugai, A.; Mironov, N.; Kheinman, S.; Dronina, O.
USSR LABOR: TRANSLATIONS NO. 173. 17 Apr 67, 58p. JPRS-40643.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31287

Trans. of Sotsialisticheskii Trud (USSR) v12 n2 p18-20, 44-55, 86-9, 118-33 1967.

TT-67-31328 Field 5I

SOVIET EDUCATION: TRANSLATIONS NO. 67. 18 Apr 67, 19p. JPRS-40685.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31328

TT-67-31370 Field 5I, 18C, 8G

VESTNIK OF THE USSR ACADEMY OF SCIENCES, VOL. 37, NO. 2, 1967. 24 Apr 67, 149p. JPRS-40727.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31370

Trans. of Akademiya Nauk SSSR. Vestnik, v37 n2 p3-126 1967.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-61650 Field 5I

Koryakov, V. G.
ON THE USE OF UNIVERSAL ELECTRONIC COMPUTERS FOR PROGRAMMED INSTRUCTION (Ob Ispolzovanii Universalnykh Elektronno-Vychislitelnykh Mashin dlya Programmirovannogo Obucheniya). 17 Mar 67, 26p. FTD-MT-65-202; AD-651 035.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 035

Edited machine trans. of mono. Programmirovannoe Obuchenie i Kiberneticheskie Obuchayushchie Mashiny, n.p., 1963 p139-59.

J. Psychology (Individual and group behavior)

TT-67-31181 Field 5J

Turov, A.
MECHANISM OF MEMORY. 5 Apr 67, 16p. JPRS-40537.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31181

Trans. of Nauka i Zhizn (USSR) n2 p40-7 1967.

TT-67-31224 Field 5J, 5D

NORTH VIETNAM: TRANSLATIONS NO. 142. 10 Apr 67, 39p. JPRS-40580.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31224

K. Sociology

TT-67-31235 Field 5K, 5C, 2D, 6O

AFRICA: TRANSLATIONS NO. 537. 12 Apr 67, 59p. JPRS-40591.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31235

TT-67-31255 Field 5K, 5C

SOUTH AND EAST ASIA: TRANSLATIONS NO. 151. 12 Apr 67, 27p. JPRS-40611.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31255

TT-67-31267 Field 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 428. 13 Apr 67, 31p. JPRS-40623.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31267

TT-67-31285 Field 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 429. 14 Apr 67, 32p. JPRS-40641.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31285

TT-67-31297 Field 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 430. Birthrate of the Yugoslav Population. 17 Apr 67, 21p. JPRS-40653.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31297

TT-67-31335 Field 5K, 5D

Stantso, V.
DOCUMENTS IN THE HANDS OF AN EXPERT. 19 Apr 67, 12p. JPRS-40692.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31335

Trans. of Khimiya i Zhizn (USSR) v3 n2 p34-8 1967.

TT-67-31350 Field 5K, 5D, 5F

AFRICA: TRANSLATIONS NO. 545. 20 Apr 67, 27p. JPRS-40707.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31350

TT-67-31372 Field 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 431. 24 Apr 67, 21p. JPRS-40729.
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06 BIOLOGICAL AND MEDICAL SCIENCES

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Trans. of mono. Morskie Mlekopitayushchie, Moscow, 1965 p311-6.
Marine Mammals.

TT-67-61596 Field 6C, 2F, 6F

Rafes, P. M.
INFLUENCE OF ANIMALS UPON THE PRODUCTIVITY OF FOREST BIOGEOCOENOSES. Tr. by G. J. Harder. 1967, 130p, refs. ODF-TR-89.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-61623 Field 6C, 6M

Levi, M. I.
HEREDITARY TRANSMISSION OF PLAGUE RESISTANCE IN PALLASIOMYS MERIDANUS. 10 Aug 64, 10p, 8refs. ABL-Trans-1182; AD-650 889.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-650 889

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-61625 Field 6C, 6M

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OBSERVATIONS ON THE ROLE OF THE REACTIVITY OF GREAT GERBILS TO P. PESTIS DURING THE DEVELOPMENT OF THE EPIZOOTOLOGICAL PROCESS. IV: EXPERIENCE IN USING THE PASSIVE HEMAGGLUTINATION REACTION IN A STUDY OF THE NATURAL PLAGUE FOCUS IN THE MUYUN KUM. Tr. by Charles T. Ostertag, Jr. Apr 66, 5p. ABL-Trans-1681; AD-650 891.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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Trans. of Nauchnaya Konferentsiya po Prirodnoi Ochagovosti i Profilaktike Chumy, Alma Ata, Feb 63. Materialy, n.p., n.d. p178-80.
Materials from the Scientific Conference on the Natural Focalness and Prophylaxis of Plague.

D. Bionics

TT-67-31260 Field 6D, 9B

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Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31260

TT-67-31301 Field 6D, 13H

Grubov, V. A.; Ivakhnenko, A. G.; Mandrovskii-Sokolov, B. Yu.
SELF-ORGANIZING CONTROL SYSTEMS. 17 Apr 67, 150p. JPRS-40657.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31301

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E. Clinical medicine

NCH-208 110 Field 6E

Shkhvatsabaya, I. K.; Menshikov, V. V.
IMPORTANCE OF THE CATECHOLAMINES IN THE PATHOGENESIS OF NEUROGENIC CHANGES IN THE MYOCARDIUM (K Voprosu o Znachenii Katekholaminov v Patogeneze Neirogennykh Izmenenii Miokarda). Oct 66, 8p, refs. RTS-3680.
Order from NLL: 10s as RTS-3680

Trans. of Kardiologiya (USSR) v2 n6 p27-30 1962.

NCH-208 117 Field 6E

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DETERMINATION OF ISOHAEMAGGLUTININS IN THE UMBILICAL VESSELS OF FULLTERM NEWBORNS (Opredelenie Isogemagglyutininov v Sosudakh Pupovini Doneshennikh Novorozhdennikh). Oct 66, 5p, refs. RTS-3603.
Order from NLL: 7s 6d as RTS-3603

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NCH-208 190 Field 6E, 6O

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Order from TC: $6.00 as TC-1960

Trans. of Aerztliche Praxis (West Germany) v13 p2101-2 1961.

TT-67-31263 Field 6E

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Order from CFSTI or ETC: HC$3.00, MF$0.65
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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-31291 Field 6E, 6J, 5I

SOVIET PUBLIC HEALTH, NO. 3, 1967. 17 Apr 67, 164p, refs. JPRS-40647.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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Trans. of Sovetskoe Zdravookhranenie (USSR) n3 p3-96 1967.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-31411 Field 6E, 6S, 6A, 6P, 6O, 6T, 6I, 2E

USSR SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 40. 25 Apr 67, 132p. JPRS-40768.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31411

TT-67-51245 Field 6E

Zerchaninov, L. K.; Kondinskii, G. V.
THE INCIDENCE OF TOXOPLASMOSIS IN THE TYUMEN REGION (Rasprostranennost Toksoplazmoza v Tyumenskoi Oblasti). 1967, 4p.
SFCSI-Int(TT-67-51245).
Order from CFSTI: $3.00 as TT-67-51245

Trans. of Zhurnal Mikrobiologii i Immunologii (USSR) v42 n2 p55-8 1965.

TT-67-56008/1 Field 6E

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Order from CFSTI: $3.00 as TT-67-56008/1

For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-61515 Field 6E

Metz, R.
PROBLEMS IN PRESERVATION AND TRANSPLANTS OF SKIN HETEROGRAFTS. Tr. by Tatiana Boldyreff. 1967, 13p (refs omitted). NMS-Trans-2003.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61515

Trans. of mono. Probleme der Fremdbauverplanzung und -Konservierung. Bundeswehrlazarett Giessen. n.p., 1966.

TT-67-61531 Field 6E, 6M

Shlyakhov, E. N., ed.
SOVIET BIOMEDICAL JOURNALS: SELECTED ABSTRACTS, SERIES IV, NO. 2. Anthrax: Problems of Immunology, Clinique and Laboratory Diagnosis, Pt. 1. Tr. by Robert Pollitzer. Nov 66, 82p, refs. AD-650 366.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-650 366

Trans. from mono. Antraks: Voprosy Immunologii, Kliniki i Laboratornoi Diagnostiki, Kishinev, 1964. Contract DA-18-064-AMC-495(A).

TT-67-61532 Field 6E, 6M

Shlyakhov, E. N., ed.
SOVIET BIOMEDICAL JOURNALS: SELECTED ABSTRACTS, SERIES IV, NO. 3. Anthrax: Problems of Immunology, Clinique and Laboratory Diagnosis, Pt. 2. Tr. by Robert Pollitzer. Dec 66, 83p, refs. AD-650 367.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-650 367

Trans. from mono. Antraks: Voprosy Immunologii, Kliniki i Laboratornoi Diagnostiki, Kishinev, 1964. Contract DA-18-064-AMC-495(A).

TT-67-61533 Field 6E, 6M

Shlyakhov, E. N., ed.
SOVIET BIOMEDICAL JOURNALS: SELECTED ABSTRACTS, SERIES IV, NO. 4. Anthrax: Problems of Immunology, Clinique and Laboratory Diagnosis, Pt. 4. Tr. by Robert Pollitzer. Feb 67, 85p, refs. AD-650 368.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-650 368

Trans. of mono. Antraks: Voprosy Immunologii, Kliniki i Laboratornoi Diagnostiki, Kishinev, 1964. Contract DA-18-064-AMC-495(A).

TT-67-61559 Field 6E, 6M

Ritova, V. V.; Marchenko, Z. M.
ROLE OF THE INFLUENZA AND PARAINFLUENZA VIRUSES AND OF THE ADENOVIRUSES IN THE ACUTE PNEUMONIAS OF CHILDREN UP TO TWO YEARS OF AGE. Tr. by Z. Knowles. 1967, 7p, refs. NIH-4-2-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61559

Trans. of Sovetskaya Meditsina (USSR) v29 n5 p14-7 1966.

TT-67-61560 Field 6E, 6M

Levy, J. P.; Oppenheim, E.
VIRUSES AND HUMAN LEUKEMIAS. Tr. by Z. Knowles. 1967, 22p, 58refs. NIH-3-12-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61560

Trans. of Pathologie et Biologie (France) v14 n19/20 p966-75 1966.

TT-67-61561 Field 6E, 6M

Zhdanov, V. M.
NEW KNOWLEDGE CONCERNING INFLUENZA. Tr. by Z. Knowles. 1967, 17p (some figs omitted) refs. NIH-3-23-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61561

Trans. of Terapevticheskii Arkhiv (USSR) v38 n7 p3-10 1966.

TT-67-61622 Field 6E, 6M

Smaga, M. F.
RESULTS OF SMALLPOX REVACCINATION IN ADULTS IN 1957, 1960 AND 1962. 10 Aug 64, 9p, refs.
ABL-Trans-1186; AD-650 888.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-650 888

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v41 n2 p48-52 1964.

TT-67-61624 Field 6E, 6M

Marennikova, S. S.; Solovev, V. D.
CURRENT STATE OF SMALLPOX PROPHYLAXIS. Tr. by Charles T. Ostertag, Jr. Apr 67, 11p, 24refs.
ABL-Trans-1680; AD-650 890.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-650 890

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v42 n9 p15-21 1965.

TT-67-61628 Field 6E, 6M

Saveleva, R. A.
AN EXPERIMENTAL STUDY OF SIMULTANEOUS VACCINATION AGAINST TULAREMIA AND TUBERCULOSIS. Tr. by Charles T. Ostertag, Jr. May 66, 10p, refs. ABL-Trans-1668; AD-650 894.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-650 894

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v41 n4 p118-24 1964.

F. Environmental biology

TT-67-61513 Field 6F

Smirnov, A. M.; Chanyshev, Z. G.
USE OF GASES (ETHYLENE OXIDE AND METHYL BROMIDE) FOR CONTROL OF WAX MOTHS. 1967, 3p.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61513

Trans. of Veterinariya (USSR) v42 n11 p97-8 1965.

H. Food

NCH-205 935 Field 6H, 13H

Golovkin, N.; Nozdrunkova, I.
ELECTROMETRIC DETERMINATION OF THE QUALITY OF MEAT DURING ITS STORAGE (Elektrometricheskoe Opredelenie Kachestva Myasa vo Vremya Ego Khraneniia pri Temperaturakh Blizkikh k Krioskopicheskim). Dec 66, 9p, 6refs. RTS-3626.
Order from NLL: 7s 6d as RTS-3626

Trans. of Myasnaya Industriya SSSR, v36 n3 p50-2 1965.

NCH-208 104 Field 6H

Tinyakov, G. G.; Makaev, V. V.
CHANGES IN THE MICROSTRUCTURE OF MUSCLE FIBRE WHICH TAKE PLACE DURING THE AUTOLYSIS OF MEAT (Izmeneniya Mikrostruktury Myshechnykh Volokon pri Avtolize Myasa). Nov 66, 6p, 11refs. RTS-3645.
Order from NLL: 12s 6d as RTS-3645

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Pishchevaya Tekhonologiya (USSR) n1 p58-63 1966.

NCH-208 121 Field 6H, 13H

Gabrielyan, M.; Malyutina, L.
CHANGE OF SOME PHYSICO-CHEMICAL INDICES OF MEAT IN THE PROCESS OF KEEPING IT AT -2 TO -5°C (Izmenenie Nekotorykh Fiziko-Khimicheskikh Pokazatelei Myasa v Protsesse Khraneniya pri -2 -5°C). Feb 67, 6p. RTS-3863.
Order from NLL: 7s 6d as RTS-3863

Trans. of Myasnaya Industriya SSSR, v37 n2 p41-3 1966.

NCH-208 201 Field 6H, 13D, 11I

Tandler, K.
HOW TO TEST PLASTIC COMPOUND FOIL FOR EMISSION OF ODORS AND TASTES IN THE MEAT PRODUCTS INDUSTRY. 1967, 5p. TC-2050.
Order from TC: $5.00 as TC-2050

Trans. of der Fleischermeister (East Germany) v18 n12 p315-6 1964.

TT-67-61540 Field 6H, 6A

Pourtallier, J.
DETERMINATION BY THIN-LAYER CHROMATOGRAPHY OF THE SUGARS IN HONEY (Determination par Chromatographie en Couche Mince des Sucres du Miel). Feb 67, 12p, 17refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61540

Trans. of Bulletin Apicole d'Information et de Documentation Scientifique et Technique (France) v7 n2 p197-211 1964.

J. Industrial (occupational) medicine

NCH-208 204 Field 6J

Lohs, K.
THERMAL SPLITTING-OFF HCN FROM POLYACRYLONITRILE FIBERS AS A POSSIBLE SOURCE OF POISONING. 1967, 5p. TC-2094.
Order from TC: $5.00 as TC-2094

Trans. of Zentralblatt fuer Arbeitsmedizin und Arbeitsschutz (West Germany) v14 n12 p287-9 1963 (sic).

NCH-208 284 Field 6J

Keinath, G.
"INDUCTIVE" TEMPERATURE MEASUREMENT. 24 Feb 67, 6p. TC-3465.
Order from TC: $6.00 as TC-3465

Trans. of Archiv fuer Technisches Messen und Industrielle Messtechnik (West Germany) v5 p215-22 1934.

M. Microbiology

TT-66-51073 Field 6M, 2F

Shemakhanova, N. M.
MYCOTROPHY OF WOODY PLANTS. Tr. by S. Nemchonok. 1967, 335p, refs.
SFCSI-Agr(TT-66-51073).
Order from CFSTI: $3.00 as TT-66-51073

Trans. of mono. Mikotrofiya Drevesnykh Porod, Moscow, 1962.

TT-66-57005/3 Field 6M, 6E, 6A, 6C

EXPERIMENTAL MEDICINE AND MICROBIOLOGY VOL. 18, NO. 3, 1966. Tr. by E. Paryski. 1966, 106p, refs. SFCSI-HEW-NLM(TT-66-57005/3).
Order from CFSTI: $3.00 as TT-66-57005/3

Trans. of Medycyna Doswiadczalna i Mikrobiologia (Poland) v18 n3 1966.
For another listing of this journal see "Translated or Abstracted Publications." in TT Vol. 17, No. 10.

TT-67-31300 Field 6M, 6E

Irlin, I. S.; Marchenko, A. T.
SOVIET STUDIES ON VIROLOGY AND CANCER. 17 Apr 67, 16p, refs. JPRS-40656.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31300

Trans. of Voprosy Onkologii (USSR) v9 n3 p8-12 1963: v10 n7 p99-104 1964.

TT-67-31302 Field 6M

Kravchenko, A. T.; Saltykov, R. A.
SURVEY OF THE DEVELOPMENT OF LIVE VACCINES IN THE SOVIET UNION. 17 Apr 67, 13p, refs. JPRS-40658.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31302

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) n3 p3-9 1967.

TT-67-51248 Field 6M, 6C

Vashkevich, R. B.
REACTION AND IMMUNITY IN REINDEER VACCINATED WITH BRUCELLA ABORTUS STRAIN 19 VACCINE (Reaktsiya i Immunitet u Severnykh Olenei, Privitykh Vaktsinoi iz Shtamma 19). 1967, 5p. SFCSI-Int(TT-67-51248).
Order from CFSTI: $3.00 as TT-67-51248

Trans. of Veterinariya (USSR) v41 n2 p45-7 1964.

TT-67-61595 Field 6M

Imshenetskii, A. A.; Solntseva, L. I.
IMPERFECT FORMS OF MYXOBACTERIA (O Nesovershennykh Formakh Miksobakterii). Tr. by H. R. Hayes. 1967, 15p, 21refs. NRC-TT-1273.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61595

Trans. of Mikrobiologiya (USSR) v14 n4 p220-9 1945.

TT-67-61626 Field 6M

Levi, M. I.
METHODICAL BASES FOR THE STUDY OF THE BIOLOGICAL PROPERTIES OF THE PLAGUE CAUSATIVE AGENT. Tr. by Charles T. Ostertag, Jr. Apr 66, 29p, 26refs. ABL-Trans-1689; AD-650 892.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-650 892

Trans. of Elistinskaya Protivochumnaya Stantsiya. Sbornik Nauchnykh Rabot (USSR) n2 p9-35 1961.

TT-67-61627 Field 6M

Klassovskii, L. N.; Terenteva, L. I.
CONTRIBUTIONS TO A STUDY OF THE RELATIONS OF SOME TYPES OF P. PESTIS IN MIXED CULTURE. Tr. by Charles T. Ostertag, Jr. Dec 65, 5p. ABL-Trans-1710; AD-650 893.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-650 893

Trans. of Nauchnaya Konferentsiya po Prirodnoi Ochagovosti i Profilaktike Chumy, Alma Ata, Feb 63. Materialy, n.p., n.d. p106-8.
Materials from the Scientific Conference on the Natural Focalness and Prophylaxis of Plague.

O. Pharmacology

NCH-208 109 Field 6O, 6E

Svadzhyan, E. P.
TRICHLORETHYLENE (NARCOGEN) IN ANAESTHESIA AND ANALGESIA (Primenie Trikhloretilena (Narcogen) dlya Anestezii i Analgezii). Feb 67, 9p, 12refs. RTS-3804.
Order from NLL: 12s 6d as RTS-3804

Trans. of Eksperimentalnaya Khirurgiya i Anesteziologiya (USSR) v8 n1 p60-5 1963.

NCH-208 230 Field 6O

Virgilio, A.; Hengeller, C.
PRODUCTION OF TETRACYCLINE WITH STREPTOMYCES PSAMMOTICUS. 1967, 11p. TC-2239.
Order from TC: $11.00 as TC-2239

Trans. of il Farmaco; Edizione Pratica (Italy) v15 n3 1960.

TT-67-31312 Field 6O

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES, NO. 200. 18 Apr 67, 22p. JPRS-40668.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31312

P. Physiology

NCH-208 069 Field 6P, 6E

Balanter, B. I.; Zebeke, A. V.; Khayutin, V. M.
DETERMINATION OF THE FREQUENCY SPECTRUM OF AFFERENT IMPULSES AND THE PRINCIPLES OF RECEPTOR DISTRIBUTION ACCORDING TO THE IMPULSE FREQUENCY, WITH ABDUCTION OF POTENTIAL FROM THE NERVE END (Opredelenie Spektra Chastoty Afferentnykh Impulsov i Zakona Respredeleniya Retseptorov po Chastote Impulsov pri Otvedenii Potentsialov ot Tselogo Nerva). Oct 66, 17p, 6refs. RTS-3575.
Order from NLL: 27s 6d as RTS-3575

Trans. of mono. Sovremennye Problemy Fiziologii i Patologii Nervnoi Sistemy, Moscow, 1965 p200-10. Contemporary Problems of the Physiology and Pathology of the Nervous System.

NCH-208 096 Field 6P, 6E, 6O

Khayutin, V. M.
THE WAY OF CODING PAIN SIGNALS (O Sposobe Kodirovaniya Signalov Boli). Oct 66, 30p, refs.

RTS-3576.
Order from NLL: 40s as RTS-3576

Trans. of mono. Sovermenne Problemy Fiziologii i Patalogii Nervnoi Sistemy, Moscow, 1965 p111-30.

TT-66-57009/3 Field 6P, 6C

POLISH PHYSIOLOGY TRANSACTIONS, VOL. 17, NO. 3, 1966. 1966, 165p, refs.
SFCSI-HEW-NLM(TT-66-57009/3).
Order from CFSTI: $3.00 as TT-66-57009/3

Trans. of Acta Physiologica Polonica, v17 n3 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-31189 Field 6P

Bagiryan, R.
BRAIN COMPOSITION AND FUNCTION STUDIED BY SOVIET SCIENTISTS. 6 Apr 67, 11p.
JPRS-40545.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31189

Trans. of Znanie Sila (USSR) n2 p32-3 1967.

R. Radiobiology

TT-66-59001/3 Field 6R, 6C, 6A

BULLETIN OF THE BORIS KIDRIC INSTITUTE OF NUCLEAR SCIENCES, VOL. 17, NO. 3, 1966.
Tr. by Danica Ladjevac; Gordana Todorovic. 1966, 77p, refs. SFCSI-AEC(TT-66-59001/3); AEC-tr-6646/3.
Order from CFSTI: $3.00 as AEC-tr-6646/3

Trans. of Institut za Nuklearne Nauke. Bilten (Yugoslavia) v17 n3 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

07 CHEMISTRY

TT-67-31380 Field 7-

USSR SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 40. 24 Apr 67, 190p. JPRS-40737.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31380

A. Chemical engineering

NCH-205 031 Field 7A

Atsuo Nishioka.
PROBLEMS IN POLYMER NMR. 1967, 16p. TC-2028.
Order from TC: $17.50 as TC-2028

Trans. of Kogyo Kagku Zasshi (Japan) v68 p1348-51 1965.

NCH-207 810 Field 7A

Nagel, O.; Sinn, R.
THE EQUILIBRIUM BETWEEN GASEOUS AND LIQUID PHASES IN MULTICOMPONENT MIXTURES. 5 Dec 66, 28p. TC-2831.
Order from TC: $17.00 as TC-2831

Trans. of Chemie-Ingenieur-Technik (West Germany) v38 p265-74 1966.

NCH-207 822 Field 7A

Tsvekov, O. N.
CATALYTIC ACTIVITY OF CATIONIC EXCHANGE RESINS IN ALKYLATION REACTIONS. 5 Dec 66, 7p. TC-2907.
Order from TC: $6.50 as TC-2907

Trans. of Akademiya Nauk SSSR. Doklady, v167 n1 p115-8 1966.

NCH-207 829 Field 7A

Trandafelov, D.; Kovachev, Ts.
INVESTIGATION OF EQUILIBRIUM IN THE TERNARY SALT SYSTEM NH_4NO_3 - $CO(NH_2)_2$ - NH_4Cl. 5 Dec 66, 13p. TC-2931.
Order from TC: $11.00 as TC-2931

Trans. of Khimiya i Industriya (Bulgaria) p174-8 1965.

NCH-207 896 Field 7A

Ladiev, R. Ya.; Maidannik, A. K.
APPARATUS FOR MEASURING THE CONCENTRATION OF SODIUM IN MERCURY AMALGAMS (Pribor dlya Izmereniya Kontsentratsii Natriya v Rtutnykh Amalgamakh). Sep 66, 10p. RTS-3289.
Order from NLL: 25s as RTS-3289

Trans. of mono. Avtomatis. Khim. Proisv. Sb., n.p., 1964 p59-68.

NCH-208 058 Field 7A

Matrozov, V. I.
INVESTIGATIONS ON HIGH VELOCITY CO-CURRENT FLOW SPRAYERS DURING THE ABSORPTION OF READILY SOLUBLE GASES (Issledovanie Vysokoskorostnykh Pryamotochnykh Raspylitelnykh Apparatov pri Absorbtsii Khorosho Rastvorimykh Gazov). Sep 66, 21p, 12refs. RTS-3294.
Order from NLL: 20s as RTS-3294

Trans. of Khimicheskaya Promyshlennost (USSR) v41 n2 p46-53 1965.

NCH-208 186 Field 7A

Sugiyama, K.; Takahashi, T.
CHLORINE FORMATION BY OXIDATION OF POTASSIUM CHLORIDE, PYRITES, AND SULFUR. 1967, 16p. TC-1883.
Order from TC: $16.50 as TC-1883

Trans. of Kogyo Kagaku Zasshi (Japan) v68 p433-7 1965.

NCH-208 205 Field 7A

Naudet, M.
THE BLEACHING OF FATTY SUBSTANCES BY PHYSICAL ADSORPTION AGENTS. 1967, 25p. TC-2105.
Order from TC: $19.00 as TC-2105

Trans. of Rivista Italian delle Sostanze Grasse (Italy) v42 p283-8 1965.

NCH-208 206 Field 7A

Doenges, E.
THE CATLYTIC DISMUTATION OF PHOSGENE TO CARBON TETRACHLORIDE. 1967, 13p. TC-2106.
Order from TC: $10.50 as TC-2106

Trans. of Chemie-Ingenieur-Technik (West Germany) v38 p65-9 1966.

NCH-208 210 Field 7A

Ichiro Tohyama; Tomizo Nakamura.
CHLORINATION OF XENOTIME AND MANUFACTURE OF ANHYDROUS YTTRIUM CHLORIDE STUDIES ON RARE EARTH ELEMENTS, REPT. NO. 2. 1967, 9p. TC-2171.
Order from TC: $8.00 as TC-2171

Trans. of Kogyo Kagaku Zasshi (Japan) v68 p1998-9 1965.

NCH-208 213 Field 7A

Schneider, W.
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NCH-208 254 Field 7A

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NCH-208 350 Field 7A, 11F

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NCH-208 493 Field 7A

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NCH-208 502 Field 7A, 7B

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TT-67-31321 Field 7A, 5C

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TT-67-31373 Field 7A, 11F, 10B

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B. Inorganic chemistry

NCH-207 812 Field 7B, 11I

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NCH-200 973 Field 7C, 7D

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NCH-201 045 Field 7C

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NCH-201 046 Field 7C, 11E

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NCH-201 047 Field 7C, 11E

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NCH-207 462 Field 7C

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NCH-207 590 Field 7C

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NCH-208 064 Field 7C

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NCH-208 099 Field 7C

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NCH-208 193 Field 7C

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NCH-208 196 Field 7C

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NCH-208 200 Field 7C

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NCH-208 208 Field 7C, 7B, 20F

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NCH-208 215 Field 7C

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NCH-208 216 Field 7C

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S-TRIAZINE III: CYANOETHYLATION OF GUANAMINES CONTAINING FLUOROALKYL RADICALS. 1967, 9p. TC-2183.
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NCH-208 222 Field 7C, 11I

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STUDIES ON VINYL CHLORIDE POLYMERIZATION. II. EFFECT OF OXYGEN ON INDUCTION PERIOD AND POLYMERIZATION RATE. 1967, 10p. TC-2206.
Order from TC: $11.00 as TC-2206

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NCH-208 224 Field 7C

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BETWEEN ISOBUTYLENE AND N_2O_4. 1967, 11p. TC-2216.
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NCH-208 226 Field 7C, 11I

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NCH-208 228 Field 7C, 11I

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NCH-208 248 Field 7C, 11I

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NCH-208 251 Field 7C

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NCH-208 257 Field 7C, 11I

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Order from TC: $17.50 as TC-3488

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NCH-208 281 Field 7C

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Order from TC: $7.50 as TC-3410

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NCH-208 477 Field 7C

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NCH-208 478 Field 7C

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NCH-208 480 Field 7C

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Order from TC: $13.00 as TC-3096

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NCH-208 484 Field 7C

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NCH-208 488 Field 7C

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NCH-208 495 Field 7C, 7D

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Order from TC: $6.50 as TC-3165

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NCH-208 503 Field 7C

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Order from TC: $12.00 as TC-3181

Trans. of Chemische Berichte (West Germany) v99 p2546-55 1966.

NCH-208 504 Field 7C

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NCH-208 505 Field 7C

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NCH-208 511 Field 7C

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NCH-208 512 Field 7C

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NCH-208 522 Field 7C

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OLIGOMERIZATION OF ISOPRENE. 17 Mar 67, 4p. TC-3240.
Order from TC: $3.50 as TC-3240

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D. Physical chemistry

NCH-201 048 Field 7D, 7C

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NCH-201 049 Field 7D, 7C

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NCH-207 839 Field 7D

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NCH-207 936 Field 7D

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NCH-208 056 Field 7D, 7C

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NCH-208 197 Field 7D, 11F

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NCH-208 211 Field 7D

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NCH-208 273 Field 7D, 7B

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NCH-208 274 Field 7D, 7C

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NCH-208 275 Field 7D, 7B

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NCH-208 482 Field 7D

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NCH-208 483 Field 7D

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NCH-208 489 Field 7D

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E. Radio and radiation chemistry

NCH-208 520 Field 7E

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TT-67-31391 Field 7E, 7D, 6C

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31391

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TT-67-61269 Field 7E

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08 EARTH SCIENCES AND OCEANOGRAPHY

A. Biological oceanography

NCH-208 102 Field 8A

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TT-67-61565 Field 8A, 6C, 6F

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TT-67-61604 Field 8A

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C. Dynamic oceanography

NCH-208 016 Field 8C, 3B

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Order from NLL: 15s as RTS-3213

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D. Geochemistry

TT-67-31257 Field 8D, 7C

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TT-67-51253 Field 8D, 8G, 8J

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TT-67-61619 Field 8D, 8G

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TT-67-61530 Field 8E

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G. Geology and mineralogy

NCH-207 475 Field 8G

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NCH-207 480 Field 8G, 8D

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NCH-208 135 Field 8G, 13H, 11F

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NCH-208 233 Field 8G

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NCH-208 245 Field 8G

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TT-67-31313 Field 8G

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TT-67-31336 Field 8G, 8D, 8B, 8I

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TT-67-31339 Field 8G, 7B, 2A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: GENERAL SCIENCE NO. 5. 19 Apr 67, 15p. JPRS-40696.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31339

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TT-67-31375 Field 8G

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 100. 24 Apr 67, 29p. JPRS-40732.
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TT-67-61630 Field 8G

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H. Hydrology and limnology

NCH-208 240 Field 8H, 8G

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TT-67-61602 Field 8H, 6M

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FTD-HT-66-231; AD-650 805.
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I. Mining engineering

NCH-208 264 Field 8I

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24 Feb 67, 16p. TC-3297.
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Trans. of Litologiya i Poleznye Iskopaemye (USSR) v2 p51-9 1965.

J. Physical oceanography

TT-67-31171 Field 8J, 13J

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JPRS-40527.
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Trans. of Tekhnika Molodezhi (USSR) n7 p5-6 1966.

TT-67-31326 Field 8J

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K. Seismology

TT-67-31332 Field 8K, 5D

Pao Kuang-Hung; Li Yang.
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M. Soil mechanics

TT-66-51105 Field 8M

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HOW TO ORGANIZE THE WORK OF NOMENCLATURE, SYSTEMATICS AND CLASSIFICATION OF SOILS (K Voprosu ob Organizatsii Raboty po Nomenklature, Sistematike i Klassifikatsii Pochv). 1967, 11p, 8refs. SFCSI-Agr(TT-66-51105).
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N. Terrestrial magnetism

TT-67-61620 Field 8N, 8G

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SOME RESULTS OF MAGNETOTELLURIC SOUNDING IN THE IRKUTSK AMPHITHEATER. Tr. by E. R. Hope. Sep 66, 6p. DSIS-T-451-R; AD-650 885.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-650 885

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09 ELECTRONICS AND ELECTRICAL ENGINEERING

A. Components

TT-67-31388 Field 9A, 9E

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EAST EUROPEAN ELECTRONIC AND PRECISION EQUIPMENT INDUSTRIES: TRANSLATIONS NO. 11. Transistors and Diodes Produced by the "TEWA" Semi-Conductor Factory. 25 Apr 67, 15p. JPRS-40745.
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B. Computers

TT-67-31304 Field 9B, 5C

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Trans. of Durzhaven Vestnik (Bulgaria) n16 2p 1967.

TT-67-61603 Field 9B, 14D

Radchenko, A. N.
SELF-MONITORING, SELF-CORRECTION AND SELF-REPAIR AS MEANS TO IMPROVED RELIABILITY OF COMPLEX DIGITAL SYSTEMS (Samokontrol, Samokorrektsiya i Samoremont Kak Sredstvo Povysheniya Nadezhnosti Slozhnykh Diskretnykh Ustroistv). 25 Jan 67, 23p, 4refs.
FTD-HT-66-597; AD-650 804.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-650 804

Unedited rough draft trans. of mono. Avtomatika, Telemekhanika i Priborostroenie, Moscow, 1964 p241-56.

C. Electronic and electrical engineering

TT-67-31234 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 75. 12 Apr 67, 83p. JPRS-40590.
Order from CFSTI or ETC: HC$3.00, MF$0.65

as TT-67-31234

Abstract trans. of Wu Hsien Tien (Chinese People's Republic) n1 40p; n4 40p; n5 40p; n6 40p 1960.

TT-67-31271 Field 9C

USSR SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 66. 13 Apr 67, 117p. JPRS-40627.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31271

TT-67-31294 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 77. 17 Apr 67, 75p. JPRS-40650.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31294

Abstract trans. of Tien Shih Chieh (Chinese People's Republic) v16 n8 p281-319 1963: v17 n10 p361-99 1964: v18 n9 p322-59; n10 p367-99 1965.

TT-67-31299 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 78. 17 Apr 67, 36p. JPRS-40655.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31299

Abstract trans. of Tien Shih Chieh (Chinese People's Republic) v16 n6 p201-39 1963: v17 n6 p207-37 1964.

TT-67-31314 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 79. 18 Apr 67, 50p. JPRS-40670.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31314

Abstract trans. of Tien Tzu Chi Shu (Chinese People's Republic) n3 47p; n5 47p; n6 47p; n9 47p 1964.

TT-67-31316 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 80. 18 Apr 67, 90p. JPRS-40673.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31316

Abstract trans. of Tien Shih Chieh (Chinese People's Republic) v13 n6 p241-85 1960; v15 n1 39p; n7 p241-76; n9 p321-59 1962: v15 n5 p151-99; n12 p441-79 1963.

TT-67-31317 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 81. 18 Apr 67, 64p. JPRS-40674.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31317

Abstract trans. of Tien Shih Chieh (Chinese People's Republic) v17 n11 p491-39 1964: v13 n3 p81-119; n8 p281-319 1965.

TT-67-31348 Field 9C

USSR SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 67. 19 Apr 67, 122p. JPRS-40705.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31348

TT-67-31367 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 83. 24 Apr 67, 70p. JPRS-40724.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31367

Abstract trans. of Tien Shih Chieh (Chinese People's Republic) v16 n4 p121-59 1963: v18 n2 p41-79; n11 p403-39 1965.

TT-67-31368 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 84. 24 Apr 67, 38p. JPRS-40725.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31368

Abstract trans. of Tien Shih Chieh (Chinese People's Republic) v17 n8 p281-319; n9 321-59 1964.

TT-67-31369 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 85. 24 Apr 67, 62p. JPRS-40726.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31369

Abstract trans. of Tien Shih Chieh (Chinese People's Republic) v15 n11 p401-39 1962: v16 n1 39p 1963: v17 n7 p241-79 1964.

TT-67-31379 Field 9C, 13H, 13I

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 81. 24 Apr 67, 25p. JPRS-40736.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31379

Abstract trans. of Shang Hai Chi Hsieh (Chinese People's Republic) n9 43p; n11 43p 1964.

TT-67-31412 Field 9C

USSR SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 68. 24 Apr 67, 126p. JPRS-40769.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31412

TT-67-61173 Field 9C

Maruna, J.
REMARKABLE PROGRESS OF SOVIET RADIO-ELECTRONICS. 15 Sep 61, 12p, 4refs. MCL-1337; AD-648 043.
Order from CFSTI or ETC: HC$3.00, MF$0.65

as AD-648 043

Unedited rough draft trans. of Sdelovaci Technika (Czechoslovakia) n10 p371-2 1960.

D. Information theory

TT-67-31286 Field 9D, 9B, 12B, 6D

USSR SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS AND AUTOMATION TECHNOLOGY NO. 39. 14 Apr 67, 136p. JPRS-40642.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31286

TT-67-31463 Field 9D

PROBLEMS OF INFORMATION TRANSMISSION, VOL. 2, NO. 4, 1966. 1 May 67, 121p, refs. JPRS-40820.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31463

Trans. of Problemy Peredachi Informatsii (USSR) v2 n4 p3-86 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

E. Subsystems

TT-67-61525 Field 9E

Feist, K. H.
GROUNDING SYSTEMS OPTIMIZED. Tr. by John E. Reichen. Jan 67, 9p, 6refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61525

Trans. of ETZ Elektrotechnische Zeitschrift. Ausgabe A. Zentralblatt fuer Elektrotechnik (West Germany) v87 p376-80 1966.

TT-67-61574 Field 9E

Beletserkovskii, G. B.
ANTENNAS. 7 Dec 66, 656p, refs. FTD-HT-66-360; AD-650 519.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-650 519

Unedited rough draft trans. of mono. Antenny, Moscow, 1962 492p.

10 ENERGY CONVERSION (NON-PROPULSIVE)

A. Conversion techniques

TT-67-31292 Field 10A, 7A, 10B, 10F

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 355. 17 Apr 67, 12p. JPRS-40648.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31292

TT-67-31400 Field 10A

USSR INDUSTRIAL DEVELOPMENT: ELECTRIC POWER, POWER MACHINERY, AND ELECTRICAL EQUIPMENT NO. 50. 25 Apr 67, 43p, refs. JPRS-40757.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31400

Trans. of Elektricheskie Stantsii (USSR) n2 p5-11; n3 p10-9 1967 and from Izvestiya (USSR) 25 Mar p3 1967.

B. Power sources

NCH-208 060 Field 10B

Pavlov, P. A.
CARRYING CAPACITY OF FLANGED JOINTS OF WATER TURBINE COMPONENTS AND HYDROELECTRIC STATION PIPING (Nesushchaya Sposovnosty Flantsevykh Soedinenii Detalei Hydroturbin i Truboprovodov GES). Sep 66, 14p, 9refs. RTS-3259.
Order from NLL: 10s as RTS-3259

Trans. of Energomashinostroenie (USSR) n7 p22-5 1965.

TT-67-61526 Field 10B

Prinz, H.
FIELD CALCULATIONS OF EHV TRANSMISSION SYSTEMS. Tr. by John E. Reichen. Feb 67, 23p, 31refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61526

Trans. of Schweizerischer Elektrotechnischer Verein. Bulletin, v57 n26 p1199-211 1966.

C. Energy storage

NCH-208 310 Field 10C, 21C

Bonaria, L.
MODERN ELECTRIC (I. E. DIESEL ELECTRIC) PROPULSION. 1967. BSRA-2485.
Order from BSRA: L5 as BSRA-2485

Trans. of la Marina Italiana, v63 p285ff 1965.

11 MATERIALS

B. Ceramics, refractories and glasses

NCH-207 586 Field 11B

Spitz, T.
THE INFLUENCE OF THE COMBINATION OF Na_2SO_4, CaF_2 AND NaCl ADDITIVES ON THE RATE OF REACTION IN THE HEATED GLASS BATCH AND ON THE RATE OF MELTING AND REFINING PROCESSES TAKING PLACE IN THE VITREOUS MASS USED FOR THE PRODUCTION OF DRAWN SHEET GLASS. 5 Dec 66, 86p. TC-2985.
Order from TC: $37.00 as TC-2985

Trans. of Veda a Vyzkum v Prumyslu Potravinarskem (Czechoslovakia) v6 p85-116 1960.

NCH-208 150 Field 11B, 13H, 11F

Halm, L.
REFRACTORIES FOR THE CASTING OF STEEL. 16 Mar 67. BISI-5249.
Order from BISI: $28.00 as BISI-5249

Trans. of Institut de Recherches de la Siderurgie. Rept. (France) RE-PR-6 40p 1964.

NCH-208 328 Field 11B

Stanek, J.
DESIGNING AN ELECTRIC GLASSMELTING FURNACE. Jan 67. BGIRA-675.
Order from BGIRA as BGIRA-675

Trans. of Sprechsaal (West Germany) v99 n6 p178-88 1966.

NCH-208 330 Field 11B

Meister, R.
SUITABILITY OF THE NATURAL GAS AVAILABLE IN W. GERMANY FOR THE FIRING OF GLASS-MELTING. Jan 67. BGIRA-677.
Order from BGIRA as BGIRA-677

Trans. of Silicates Industriels (Belgium) v31 n6 p251-8 1966.

NCH-208 331 Field 11B

Lakatos, T.; Simmingskold, B.
THE EFFECT OF THE PHYSICAL STRUCTURE OF GROSS-ALMERODE POT-CLAY ON CORROSION IN MOLTEN GLASS FURNACES. Jan 67. BGIRA-678.
Order from BGIRA as BGIRA-678

Trans. of Glasteknisk Tidskrift (Sweden) v21 n3 p57-61 1966.

NCH-208 498 Field 11B

Czerwinski, Z.
RELATION BETWEEN THE DENSITY OF FOAMED GLASS AND THE HEIGHT AND WIDTH OF THE TEST PIECES. 17 Mar 67, 9p. TC-3176.
Order from TC: $8.00 as TC-3176

Trans. of Szklo i Ceramika (Poland) v16 p5-7 1965.

NCH-208 499 Field 11B

Czerwinski, S.
CONSTRUCTION AND DEFECTS OF THE WALLS FORMING THE STRUCTURE OF FOAMED GLASS. 17 Mar 67, 7p. TC-3177.
Order from TC: $6.00 as TC-3177

Trans. of Szklo i Ceramika (Poland) v16 p68-9 1965.

NCH-208 500 Field 11B

Czerwinski, Z.
KINETICS OF FORCED DEFORMATION OF FOAMED GLASS. 17 Mar 67, 9p. TC-3178.
Order from TC: $8.00 as TC-3178

Trans. of Szklo i Ceramika (Poland) v16 p98-9 1965.

NCH-208 501 Field 11B

Czerwinski, Z.
STUDY AND ANALYSIS OF THE STRUCTURE OF FOAMED GLASS. 17 Mar 67, 14p. TC-3179.
Order from TC: $11.00 as TC-3179

Trans. of Szklo i Ceramika (Poland) v16 p158-61 1965.

C. Coatings, colorants and finishes

NCH-208 000 Field 11C, 13H

Hoffmann, G.; Oppen, D.
PAINT COATING, COATING, AND FOIL LAMINATION OF WIDE STRIP. 1967. BISI-5188.
Order from BISI: $11.20 as BISI-5188

Trans. of Blech (West Germany) p167-75 Apr 1966.

NCH-208 101 Field 11C

Shtern, M. A.; Danyushevskaya, N. E.; Vasserman, P. L; Chebotarovskii, V. V.
CALCIUM CHROMATE AS AN ANTICORROSIVE THERMOSTABLE PIGMENT (Khromat Kaltsiya Kak Antikorrozionnyi Termostoikii Pigment). Feb 67, 12p, refs. RTS-3818
Order from NLL: 12s 6d as RTS-3818

Trans. of Lakokrasochnye Materialy i Ikh Primenie (USSR) n3 p13-8 1966.

NCH-208 235 Field 11C

Szekely, G.
CORROSION INHIBITION WITH CHLOROSULFONATED POLYETHYLENE FINISHES. 1967, 9p. TC-2267.
Order from TC: $9.50 as TC-2267

Trans. of Plaste und Kautschuk (East Germany) v12 n7 p431-3 1965.

NCH-208 338 Field 11C

Funke, W.; Handloser, G.
DEWATERING OF PAINT FILMS PRODUCED BY ELECTROPHORETIC PAINTING. Jan 67. TTIS-NS-624.
Order from TTIS: $35.00 as NS-624

Trans. of Farbe und Lack (West Germany) v72 p850-4 1966.

NCH-208 339 Field 11C, 13H

Zorll, U.; Klinke, E.
FOLLOWING THE COURSE OF GRINDING THROUGH DIELECTRIC CONSTANT MEASUREMENTS. Jan 67. TTIS-NS-625.
Order from TTIS: $45.00 as NS-625

Trans. of Farbe und Lack (West Germany) v72 p861-5 1966.

NCH-208 342 Field 11C, 11K

Brandts-Buys, L.; Dysseleer, E.
RELATIONSHIP BETWEEN THE ADSORPTION OF DIVALENT METAL SOAPS ON INORGANIC PIGMENTS AND THEIR DISPERSION. Jan 67. TTIS-NS-628.
Order from TTIS: $36.00 as NS-628

Trans. of la Chimie des Peintures (Belgium) p363-71 1966.

NCH-208 343 Field 11C, 13H

Patrikeev, V. V.; Arbuzova, K. S.; Orlova, K. I.
"CELLOGEL" PASTES SUITABLE FOR THE DERUSTING OF METAL SURFACES DURING THEIR PREPARATION FOR PAINTING. Jan 67. TTIS-NS-629.
Order from TTIS: $15.00 as NS-629

Trans. of Lakokrasochnye Materialy i Ikh Primenenie (USSR) n3 p40-2 1964.

NCH-208 344 Field 11C

Bobrova, A. M.; Sokolova, L. A.
PROBLEM OF COAGULATION OF BLACK SLIMES IN THE COURSE OF THE PRODUCTION OF PIGMENTARY TITANIUM DIOXIDE. PART II. Jan 67. TTIS-NS-630.
Order from TTIS: $21.00 as NS-630

Trans. of Lakokrasochnye Materialy i Ikh Primenenie (USSR) n4 p27-8 1965.

NCH-208 345 Field 11C

Maksimov, V. L.
INFLUENCE OF ELECTROYTE ADDITIVES ON THE STABILITY OF AQUEOUS DISPERSIONS OF TITANIUM DIOXIDE. Jan 67. TTIS-NS-631.
Order from TTIS: $18.00 as NS-631

Trans. of Lakokrasochnye Materialy i Ikh Primenenie (USSR) n1 p26-7 1966.

NCH-208 347 Field 11C, 11F

Rozenfeld, I. L.
INHIBITED GLYCEROL PHTHALIC ALKYD RESIN SURFACE COATINGS FOR THE TEMPORARY PROTECTION OF METALS FROM CORROSION. Jan 67. TTIS-NS-633.
Order from TTIS: $40.00 as NS-633

Trans. of Lakokrasochnye Materialy i Ikh Primenenie (USSR) n4 p43-6 1966.

NCH-208 348 Field 11C

Maksimov, V. L.; Aleksandrova, E. M.
USE OF ELECTROOSMOSIS FOR THE DETERMINATION OF THE ELECTROKINETIC POTENTIAL OF PIGMENTS PASTES. Jan 67. TTIS-NS-634.
Order from TTIS: $12.00 as NS-634

Trans. of Lakokrasochnye Materialy i Ikh Primenenie (USSR) n4 p59-60 1966.

NCH-208 349 Field 11C

Zhebrovskii, V. V.; Libshits, Kh. M.; Basilev, A. V.
FILM-FORMING CHARACTERISTICS OF THE COPOLYMERS OF EPOXY ESTERS WITH STYRENE. Jan 67. TTIS-NS-635.
Order from TTIS: $25.00 as NS-635

Trans. of Lakokrasochnye Materialy i Ikh Primenenie (USSR) n5 p19-21 1966.

NCH-208 455 Field 11C

Sumikawa, Y.; Nakada, Y.
PRESERVATION OF DRINKING WATER BY COATING THE INNER SURFACE OF THE FRESHWATER TANK. PT. I: THE QUALITY OF THE WATER IN TANKS COATED WITH SOME SYNTHETIC RESIN PAINTS. 16 Feb 67. BSRA-2527.
Order from BSRA: L5 as BSRA-2527

Trans. of Nihon Kokai Gakkaishi (Japan) n35 p115ff Jul 1966.

E. Fibers and textiles

NCH-208 098 Field 11E, 13I

Gushchin, A. E.
THE PRODUCTION OF NON-WOVEN MATERIALS BY A DRY METHOD ON PAPER-FINISHING MACHINES (O Proizvodstve Netkanykh Materialov Sukhim Sposobom na Bumagodelatelnykh Mashinskh). Oct 66, 10p. RTS-3583.
Order from NLL: 17s 6d as BISI-3583

Trans. of Tekstilnaya Promyshlennost (USSR) v25 n6 p41-7 1965.

NCH-208 217 Field 11E, 13G

Zaks, N. A.
A PNEUMATIC DIFFUSIONARY DISTRIBUTOR FOR COTTON (Pnevmaticheski Diffusornyi Raspredelitelkhlopka). Jun 66, 6p, refs. RTS-3882.
Order from NLL: 10s as RTS-3882

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NCH-208 218 Field 11E

Kleinert, T. N.
HYDROGEN PEROXIDE DECOMPOSITION OF ALKALI CELLULOSE IN THE ALKALINIZATION MASH. 1967, 23p. TC-2195.
Order from TC: $19.00 as TC-2195

Trans. of Textil-Tundschau (Switzerland) v14 n5 p249-59 1959.

NCH-208 239 Field 11E

Scherzberg, H.
TEXTURED YARNS III. 1967, 35p. TC-3322.
Order from TC: $27.00 as TC-3322

Trans. of Melliand Textilberichte (West Germany) v47 n10 p1105-14 1966.

NCH-208 259 Field 11E

Wannow, H.
FINISHING AND SINGLE BATH DYEING/FINISHING OF POLYESTER/CELLULOSE FABRICS. 1967, 17p. TC-3529.
Order from TC: $15.00 as TC-3529

Trans. of Textil Rundschau (Switzerland) v16 p714-25 1961.

NCH-208 265 Field 11E, 11J

Prati, G.
PHYSICO-CHEMICAL STUDIES ON THE ELASTOMERIC FIBERS SPANDEX. 24 Feb 67, 12p.
TC-3299.
Order from TC: $11.50 as TC-3299

Trans. of Ricerca e Documentazione Tessile (Italy) v1 n3 p99-104 1964.

TT-67-61493 Field 11E

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STUDIES ON THE SOLUBILITY OF KERATIN IN SODIUM SULFIDE SOLUTIONS. Tr. by H. Warfield. 1967, 9p, 11refs. NIH-3-10-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61493

Trans. of Lodskie Towarzystwo Naukowe. Wyd. 3, Nauk Matematyczno-Przyrodniczych. Prace (Poland) n19 p79-86 1965.

F. Metallurgy and metallography

NCH-207 889 Field 11F, 13H

Azzolini, A.; Cogito, G.
OBSERVATIONS ON A DEFECT IN Cu-Cr ALLOYS DUE TO IMPROPER FOUNDING PRACTICE. 1967, 52p.
TC-3174.
Order from TC: $26.00 as TC-3174

Trans. of Fonderia Italiana, n3 p85-98 1966.

NCH-207 978 Field 11F, 13H

Wessling, W.
A CONTRIBUTION TO DATA ON HIGH-STRENGTH MARAGING 18% NICKEL-COBALT-MOLYBDENUM STEEL. 9 Feb 67. BISI-5187.
Order from BISI: $14.00 as BISI-5187

Trans. of Stahlwerke Sudwestfalen A. G. Techn. Ber. (sic) n36/65 Mar 1965.

NCH-207 982 Field 11F

Dedek, V.; Vondrasek, V.
ON THE QUALITY OF A1-STABILISED NON-AGEING DEEP-DRAWING STEEL. 9 Feb 67. BISI-5247.
Order from BISI: $16.80 as BISI-5247

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NCH-208 002 Field 11F

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THE MECHANICAL PROPERTIES AND FIELD OF APPLICATION OF HIGH-NITROGEN STAINLESS AUSTENITIC STEELS. 1967. BISI-5235.
Order from BISI: $19.60 as BISI-5235

Trans. of Stahl und Eisen (West Germany) v86 p1408-18 1966.

NCH-208 003 Field 11F, 7A

Dufour-Berte, C.
IRON ORE REDUCTION TO ACTIVE SPONGE AND EXTRACTION OF METALLIC IRON AS IRON PENTRACARBONYL. 1967. BISI-5266.
Order from BISI: $9.80 as BISI-5266

Trans. of Metallurgia Italiana, v58 p53-8 Feb 1966.

NCH-208 116 Field 11F

Gongliashvili, A. N.
EXTRACTION OF COPPER FROM SULPHIDE ORES (K Voprosu Izvlecheniya Medi iz Sulfidnykh Rud). Oct 66, 8p, refs. RTS-3609.
Order from NLL: 20s as RTS-3609

Trans. of Akademiya Nauk Gruzinskoi SSR, Tiflis. Soobshcheniya, v29 n4 p405-12 1962.

NCH-208 119 Field 11F, 13H

Vinograd, M. I.; Gromova, G. P.; Smirnova, A. V.; Krasnova, A. K.
NEW METHODS OF TESTING METALS. Dec 66, 18p, refs. RTS-3704.
Order from NLL: 32s 6d as RTS-3704

Trans. of mono. Novye Metody Ispytanii Metallov, n.p., 1964 p29-41.

NCH-208 126 Field 11F, 11C

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STRUCTURE OF CHROMIZED AND ALUMINIZED LAYERS ON ALLOY STEELS. Mar 67. BISI-5217.
Order from BISI: $14.00 as BISI-5217

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NCH-208 127 Field 11F

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EFFECT OF COLD-WORKING ON THE MECHANICAL PROPERTIES OF RIMMING STEEL BARS FOR CONCRETE REINFORCEMENT AFTER ARTIFICIAL AGEING. Mar 67. BISI-5219.
Order from BISI: $18.20 as BISI-5219

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v37 p639-46 Aug 1966.

NCH-208 133 Field 11F

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CONTRIBUTION TO THE STUDY OF METALLURGICAL FACTORS AFFECTING THE DIMENSIONAL STABILITY OF STEELS. Mar 67. BISI-5401.
Order from BISI: $18.20 as BISI-5401

Trans. of Revue de Metallurgie (France) v63 p707-17 1966.

NCH-208 138 Field 11F

Meckelburg, E.
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Order from BISI: $11.20 as BISI-5190

Trans. of Blech (West Germany) v12 p642-6 Nov 1965.

NCH-208 140 Field 11F

Prenosil, B.
MECHANICAL PROPERTIES OF CARBONITRIDED

STEELS. I, BENDING STRENGTH AND IMPACT DUCTILITY OF CARBONITRIDED STEELS HAVING HIGH CORE STRENGTH. Mar 67. BISI-5232.
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NCH-208 141 Field 11F

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TEXTURE FORMATION IN SILICON IRON DURING PRIMARY RECRYSTALLIZATION. Mar 67. BISI-5240.
Order from BISI: $5.00 as BISI-5240

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) n9 p120-3 1966.

NCH-208 142 Field 11F

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INVESTIGATION OF THE EFFECT OF A SHORT RECRYSTALLISATION ANNEALING TREATMENT ON THE MECHANICAL AND TECHNOLOGICAL PROPERTIES OF THIN, LOW CARBON STEEL STRIP WITH SPECIAL REFERENCE TO QUENCH AGEING. Mar 67. BISI-5254.
Order from BISI: $18.20 as BISI-5254

Trans. of Stahl und Eisen (West Germany) v86 p1290-1300 1966.

NCH-208 143 Field 11F

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THE INTRODUCTION OF OXYGEN INTO THE FLAME OF MIXED GAS FURNACES. Mar 67. BISI-5295.
Order from BISI: $15.40 as BISI-5295

Trans. of Radex Rundschau (Austria) n5 p269-79 1966.

NCH-208 144 Field 11F, 12A

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Order from BISI: $16.80 as BISI-5304

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NCH-208 146 Field 11F, 20B, 13H

Wassermann, G.
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Order from BISI: $15.40 as BISI-5133

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NCH-208 148 Field 11F, 5A, 14B, 5C

Pruess, D.
ORGANISATIONAL PRINCIPLES IN DETERMINING HOURS WORKED BY WAGE-EARNERS AND SALARIED STAFF FOR INTER-WORKS COMPARISONS. 16 Mar 67. BISI-5168.
Order from BISI: $11.20 as BISI-5168

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NCH-208 149 Field 11F, 13H

Kermes, J.
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Order from BISI: $19.60 as BISI-5248

Trans. of Hutnicke Listy (Czechoslovakia) v20 n4 p261-7 1965.

NCH-208 151 Field 11F, 20B

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Order from BISI: $21.00 as BISI-5250

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NCH-208 159 Field 11F

Bardolle, J.
ORIENTATION OF REACTION PRODUCTS ON THE SURFACE OF A METAL. 23 Mar 67. BISI-5230.
Order from BISI: $18.20 as BISI-5230

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NCH-208 160 Field 11F

Desmarescaux, P.; Lacombe, P.
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Order from BISI: $12.60 as BISI-5264

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NCH-208 161 Field 11F, 13H

Stuebler, H. J.
ENGINEERING SERVICES IN DATA LOGGING INSTALLATIONS WITH PROCESS CONTROL COMPUTERS IN IRON AND STEELWORKS. 23 Mar 67. BISI-5301.
Order from BISI: $16.80 as BISI-5301

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NCH-208 164 Field 11F, 10A

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THE DEVELOPMENT OF CORROSION-RESISTANT HIGH-STRENGTH 13% CHROMIUM STEELS, PARTICULARLY FOR TURBINE-BLADE SERVICE. 23 Mar 67. BISI-5388.
Order from BISI: $15.40 as BISI-5388

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NCH-208 166 Field 11F, 20K

Joly, L.; Francois, D.
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Order from BISI: $9.80 as BISI-5437

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NCH-208 191 Field 11F

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Order from TC: $17.50 as TC-1974

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NCH-208 199 Field 11F

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Order from TC: $14.00 as TC-2035

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NCH-208 223 Field 11F

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Order from TC: $22.50 as TC-2212

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NCH-208 234 Field 11F, 13H

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Order from TC: $8.00 as TC-2259

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Order from TC: $11.00 as TC-3363

Trans. of Revue de Metallurgie. Memoires Scientifiques (France) v63 n7/8 p649-54 1966.

NCH-208 272 Field 11F

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BRIQUETTING OF CHARGES FOR SMELTING ALUMINUM - SILICON ALLOYS WITH USE OF SULFURIC ACID. 24 Feb 67, 9p. TC-3377.
Order from TC: $9.00 as TC-3377

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NCH-208 276 Field 11F

Cherubim, M.
PREPARATION, PROPERTIES, AND USE OF SULFUR-MODIFIED PHENOL RESINS. 24 Feb 67, 15p. TC-3386.
Order from TC: $13.00 as TC-3386

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NCH-208 282 Field 11F

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PRODUCING AND CASTING LARGE - SIZE INGOTS FROM BRONZE CONTAINING CHROMIUM. 24 Feb 67, 10p. TC-3415.
Order from TC: $11.00 as TC-3415

Trans. of Kohaszati Lapok (Hungary) v20(98) n8 p357-9 1965.

NCH-208 367 Field 11F

Fischer, W. A.; Ackermann, W.
EFFECT OF SULFUR ON THE OXYGEN ACTIVITY IN LIQUID IRON, COBALT AND NICKEL AT 1600°C. Jan/Feb 67, 1600wds. HB-7010.
Order from HB: $4.80 as HB-7010

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v37 n10 p779-81 1966.

NCH-208 369 Field 11F

Boettcher, W.
A METHOD FOR THE EXAMINATION OF STRUCTURES IN THREE DIMENSIONS. Jan/Feb 67, 2200wds. HB-7009.
Order from HB: $6.80 as HB-7009

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v37 n10 p805-7 1966.

NCH-208 378 Field 11F, 11C

Yonezaki, S.
THE PROPERTIES OF SUPERCOATING. Jan/Feb 67, 300wds. HB-7091.
Order from HB: $3.00 as HB-7091

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NCH-208 380 Field 11F, 13H

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NEW ACCELERATED TEST METHODS FOR THE STUDY OF THE CORROSION RESISTANCE OF SURFACE-PROTECTED STEEL SHEET. Pt. 2: Corrosion Testing of Phosphated and Painted Steel Sheet Using the Immersion Method. Jan/Feb 67, 3300wds. HB-6996.
Order from HB: $9.50 as HB-6996

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v37 n9 p729-34 1966.

NCH-208 381 Field 11F, 13H

Bryjak, E.
PHYSICAL PROPERTIES AND METALLOGRAPHY OF TITANIUM CARBIDE/STEEL INFILTRATION ALLOYS. Jan/Feb 67, 1400wds. HB-7050.
Order from HB: $4.20 as HB-7050

Trans. of International Powder Metallurgy Conference (no. 3) Eisenach, May 65. Paper, n.p., n.d. p269-73.

NCH-208 385 Field 11F, 13H

Yusfina, L. I.
FORMATION OF SURFACE LAYERS OF NICKEL AND COBALT BORIDES ON IRON. Jan/Feb 67, 1400wds. HB-6984.
Order from HB: $4.50 as HB-6984

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v9 n9 p158-61 1966.

NCH-208 386 Field 11F, 13H

Neigebauer, G. O.
CORROSION RESISTANCE OF NITROGEN-ALLOYED AUSTENITIC STAINLESS STEELS AND EFFECT OF RARE-EARTH METALS. Jan/Feb 67, 1600wds. HB-6986.
Order from HB: $6.40 as HB-6986

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NCH-208 387 Field 11F, 20K

Sumita, M.
FERROUS OXIDE INCLUSIONS AND FATIGUE OF STEEL. Pt. 1: A Fundamental Study of the Relationship between the Fatigue Properties of Steel and the Inclusion Content. Jan/Feb 67, 2200wds. HB-7033.
Order from HB: $8.50 as HB-7033

Trans. of Tetsu to Hagane (Japan) v52 n4 p651-4 1966.

NCH-208 388 Field 11F, 13H

Tanaka, R.
COMPARISON BETWEEN COLUMBIUM CARBIDE AND FERROCOLUMBIUM AS ADDITIONS TO COLUMBIUM-ALLOYED STEELS. Jan/Feb 67, 650wds. HB-7096.
Order from HB: $3.50 as HB-7096

Trans. of Tetsu to Hagane (Japan) v52 n11 pS57 1966.
Lecture no. 143.

NCH-208 390 Field 11F, 20B, 13H

Adachi, A.
EFFECT OF NICKEL UPON OXIDE INCLUSIONS IN CHROME-NICKEL STEELS. Jan/Feb 67, 450wds. HB-7047.
Order from HB: $3.00 as HB-7047

Trans. of Tetsu to Hagane (Japan) v52 n11 pS46 1966.
Lecture no. 112.

NCH-208 449 Field 11F

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LOW-CYCLE FATIGUE STRENGTH OF CARBON STEELS AND HIGH TENSILE STEELS. 16 Feb 67. BSRA-2521.
Order from BSRA: L5 as BSRA-2521

Trans. of Korablestroitelnyi Institut, Leningrad. Trudy (USSR) n46 p87ff 1964.

NCH-208 468 Field 11F

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MECHANICAL PROPERTIES OF MARTENSITIC 13% NICKEL STEEL AT THE TEMPERATURE OF LIQUID AIR. 16 Feb 67. BSRA-2540.
Order from BSRA: L5 as BSRA-2540

Trans. of Neue Huette (East Germany) v6 n2 p92ff 1961 also pub. in Rostock Univ. Schiffbautechnische Fakultat. Veroffentlichungen (East Germany) n4 1963.

NCH-208 479 Field 11F

Soucek, J.
PURIFICATION AND CONTROL OF THE PURITY OF MERCURY. 17 Mar 67, 137p. TC-3084.
Order from TC: $38.00 as TC-3084

Trans. of Chemicke Listy (Czechoslovakia) v58 n10 p1203-54 1964.

NCH-208 515 Field 11F

Bohnenkamp, K.
MEASUREMENT OF THE LATENT DEFORMATION ENERGY WITH DRAWN COPPER WIRES. 17 Mar 67, 16p. TC-3228.
Order from TC: $13.00 as TC-3228

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NCH-208 516 Field 11F

Dahl, O.; Dreyer, K. L.
HARDENABILITY OF COPPER-MAGANESE-NICKEL ALLOYS. 17 Mar 67, 18p. TC-3232.
Order from TC: $13.00 as TC-3232

Trans. of Zeitschrift fuer Metallkunde (West Germany) v45 n6 p342-9 1954.

NCH-208 521 Field 11F, 20K

Brenner, P.
THE EFFECT OF RESIDUAL STRESS, ESPECIALLY ON STRESS CORROSION. 17 Mar 67, 47p. TC-3239.
Order from TC: $26.00 as TC-3239

Trans. of Aluminium (West Germany) v42 p485-95 1966.

TT-67-31283 Field 11F, 13H

USSR INDUSTRIAL DEVELOPMENT: METALLURGY AND MINERALS NO. 45. 14 Apr 67, 20p. JPRS-40639.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31283

TT-67-31343 Field 11F, 13I

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 22. 19 Apr 67, 12p. JPRS-40700.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31343

Abstract trans. of Chien Chu Ts'ai Liao Kung Yeh (Chinese People's Republic) n20 35p 1964.

TT-67-31383 Field 11F, 13C

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 354. 24 Apr 67, 52p. JPRS-40740.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31383

TT-67-31390 Field 11F

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 23. 25 Apr 67, 21p. JPRS-40747.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31390

Abstract trans. of Chien Chu Ts'ai Liao Kung Yeh (Chinese People's Republic) n21 p3-43; n22 p3-39 1959.

TT-67-61618 Field 11F, 13H

Spiridonov, V. B.; Vlasova, T. A.; Iordanskii, V. N.
ELECTRON-MICROSCOPE INVESTIGATION OF THE SYSTEM OF ALLOYS Al-Zn-Mg (Elktronnomikroskopicheskoe Issledovanie Sistemy Al-Zn-Mg). Apr 67, 13p, 11refs. AERDL-T-1901-67; AD-650 909.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-650 909

Trans. of Metallovedenie i Termicheskaya Obrabotka Metallov (USSR) n8 p6-11 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.
Contract DA-44-009-AMC-1563(T).

H. Oils, lubricants, and hydraulic fluids

NCH-207 489 Field 11H, 20D

Kisilenko, B. E.
THE INFLUENCE OF THE VISCOSITY RATIO AND THE RATE OF DISPLACEMENT ON THE CHARACTER OF MOTION OF THE WATER-OIL CONTACT AND ON THE OIL PRODUCTION RATE OF A FORMATION (Vliyaniye Sootnosheniya Vyazkostei i Skorostei Vytesheniya na Kharakter Prodvizheniya Vodo-Neftyanogo Kontakta i Nefteotdachu Plasta). Jun 66, 10p, refs. RTS-2714.
Order from NLL: 15s as RTS-2714

Trans. of Neftyanoe Khozyaistvo (USSR) v41 n11 p35-40 1963.

NCH-207 820 Field 11H, 7C

Bronfin, I. B.
PREPARATION OF ALKYLPHENOLS FOR THE PRODUCTION OF OIL ADDITIVES ON AN ALUMINOSILICATE CATALYST. 5 Dec 66, 8p. TC-2904.
Order from TC: $7.50 as TC-2904

Trans. of Neftepererabotka i Neftekhimiya (USSR) n1 p20-2 1966.

NCH-208 242 Field 11H, 7A

Fuks, I. G.
EFFECT OF SAA ON THE STRUCTURE AND STABILITY PROPERTIES OF LITHIUM LUBRICANTS WITH FILLERS. 1967, 8p. TC-3406.
Order from TC: $8.00 as TC-3406

Trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) v11 n5 p26-30 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-61592 Field 11H, 13I

Draigor, D. A.; Venzhega, A. S.; Belkin, M. Ya.; Valchuk, G. I.
ROLLER STABILITY USING NEW SYNTHETIC LUBRICANTS. 23 Dec 66, 21p. FTD-HT-66-376; AD-650 743.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-650 743

Unedited rough draft trans. of mono. Stoikost Balkov Chistovogo Kholodnogo Prokata, Moscow, 1964 p108-21.

TT-67-61601 Field 11H, 13I

Korovchinskii, M. V.
NEWS IN MACHINE LUBRICANTS (CHAPTER IV AND V). 16 Feb 67, 141p, refs. FTD-MT-65-401; AD-650 806.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-650 806

Edited machine trans. of mono. Novoe o Smazke v Mashinakh, Moscow, 1964 p68-176.

I. Plastics

NCH-200 974 Field 11I, 7C

Nagatomi, R.; Saski, K.
THE EFFECTS OF METAL STEARATES ON DEHYDROCHLORINATION OF PVC AS STABILIZERS. Rept. 1 of An Investigation on the Stabilizers of Polyvinyl Chloride). 25 Apr 65, 14p, 10refs. SA-KKZ-65-3-5.
Order from SA: $22.00 as SA-KKZ-65-3-5

Trans. of Kogyo Kagaku Zasshi (Japan) v65 n3 p393-6 1962.

NCH-200 975 Field 11I, 7B

Miyakawa, T.; Yamamoto, N.
POLYMERIZATION OF ACETALDEHYDE USING POLYPHOSPHORIC ACID-AMINE CATALYST. 25 Apr 65, 20p, 13refs. SA-KKZ-65-3-4.
Order from SA: $19.00 as SA-KKZ-65-3-4

Trans. in manuscript of Kogyo Kagaku Zasshi (Japan) v65 n3 p390-2 1962.

NCH-200 976 Field 11I, 7C

Sato, H.
MOLECULAR WEIGHT DISTRIBUTION OF POLYPROPYLENE. 25 Apr 65, 23p, 17refs. SA-KKZ-65-3-3.
Order from SA: $25.00 as SA-KKZ-65-3-3

Trans. of Kogyo Kagaku Zasshi (Japan) v65 n3 p385-90 1962.

NCH-208 187 Field 11I, 11E, 13H

Shiro Matsuoka.
ON THE LATEST TRENDS OF POLYESTER MANUFACTURING TECHNIQUES. 1967, 13p. TC-1921.
Order from TC: $13.50 as TC-1921

Trans. of Kasen Geppo (Japan) n208 p29-33 1965.

NCH-208 203 Field 11I

Janczak, W. M.
THE EFFECT OF PLASTICIZED POLYVINYL CHLORIDE SHEETING COMPONENTS ON THE SURFACE TACK OF THE SHEETING. 1967, 11p. TC-2090.
Order from TC: $11.50 as TC-2090

Trans. of Polimery (Poland) v9 n9 p381-4 1964.

NCH-208 256 Field 11I

Thinius, K.
STABILITY OF MACROMOLECULES. XV: THIOCARBAMATE AND DITHIOCARBAMATE AS STABILIZERS FOR PLASTICS. 1967, 8p. TC-3485.
Order from TC: $9.00 as TC-3485

Trans. of Plaste und Kautschuk (East Germany) v13 n1 p8-11 1966.

NCH-208 485 Field 11I

Mleziva, J.
INFLUENCE OF THE INHIBITOR STRUCTURE ON THE PROPERTIES OF UNSATURATED POLYESTER RESINS. 17 Mar 67, 25p. TC-3134.
Order from TC: $17.00 as TC-3134

Trans. of Kunststoffe (West Germany) v56 p619-25 1966.

NCH-208 492 Field 11I

Bonart, R.
STRAIN-ELONGATION BEHAVIOR AND SOLID-STATE STRUCTURE OF DRAWN PARTIALLY-CRYSTALLINE HIGH POLYMERS. 17 Mar 67, 42p. TC-3162.
Order from TC: $25.00 as TC-3162

Trans. of Kolloid-Zeitschrift und Zeitschrift fuer Polymere (West Germany) v210 p16-36 1966.

NCH-208 506 Field 11I, 11G

Nowak, P.; Saure, M.
HIGH PRESSURE POLYETHYLENE CROSS-LINKED WITH PEROXIDE. AN INSULATING SUBSTANCE FOR HIGH-TENSION LEADS. 17 Mar 67, 20p, TC-3189.
Order from TC: $16.00 as TC-3189

Trans. of Kunststoffe (West Germany) v56 n6 p390-5 1966.

J. Rubbers

NCH-208 250 Field 11J

Rothenpieler, A.
PROGRESS WITH INJECTION MOLDING OF RUBBER. 1967, 12p. TC-3436.
Order from TC: $9.50 as TC-3436

Trans. of Kunststoff und Gummi (West Germany) v5 n9 p313-6 1966.

NCH-208 261 Field 11J

Whitby, G. S.
THE DEPOLYMERIZATION AND CONVERSION OF RUBBER. 1967, 5p. TC-3539.
Order from TC: $5.00 as TC-3539

Trans. of Kolloid Zeitschrift und Zeitschrift fuer Polymere (West Germany) v12 p190-3 1913.

NCH-208 262 Field 11J

Delepine, M.
CONCERNING THE CHEMISTRY OF RUBBER; PARTICULAR EFFECT OF VARIOUS UNSATURATED AGENTS. 1967, 3p. TC-3540.
Order from TC: $3.00 as TC-3540

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v212 p616-9 1941.

L. Wood and paper products

NCH-207 632 Field 11L, 7C, 7A

Sugimatsu, A.; Yahara, S.
DETERMINATION OF CARBONYL GROUPS IN CELLULOSE BY THE SODIUM BOROHYDRIDE REDUCTION METHOD. 1967, 12p. TC-2652.
Order from TC: $12.00 as TC-2652

Trans. of Kami Parupu Gijutsu Kyokai Shi (Japan) v14 n8 p516-21 1960.

NCH-207 940 Field 11L, 11E

Ivanov, S. N.; Gorskii, G. M.
SYNTHETIC FIBERS OF POLYVINYL ALCOHOL IN THE PAPER INDUSTRY (Sinteticheskie Volokna iz Polivinilovogo Spirta v Bumazhnom Proizvodstve). Sep 66, 10p. RTS-3344.
Order from NLL: 7s 6d as RTS-3344

Trans. of Bumazhnaya Promyshlennost (USSR) v39 n1 p4-6 1964.

12 MATHEMATICAL SCIENCES

A. Mathematics and statistics

NCH-207 635 Field 12A

Vilyatser, V. G.
ON THE THEORY OF LOCALLY NIL-POTENT GROUPS (K Teorii Lokalno Nilpotentnykh Grupp). Oct 66, 9p, 11refs. RTS-3525.
Order from NLL: 15s as RTS-3525

Trans. of Uspekhi Matematicheskikh Nauk (USSR) v13 n2 p163-8 1958.

TT-67-31254 Field 12A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 107. 12 Apr 67,

22p. JPRS-40610.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31254

Abstract trans. of Shu Hsueh Chin Chan (Chinese People's Republic) v6 n1 107p; n3 p207-306 n4 p307-412 1963.

TT-67-31310 Field 12A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 108. 18 Apr 67, 20p. JPRS-40666.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31310

Abstract trans. of Shu Hsueh Chin Chan (Chinese People's Republic) v9 n1 101p 1966.

TT-67-31443 Field 12A, 20-

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 100. 28 Apr 67, 188p. JPRS-40800.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31443

TT-67-61510 Field 12A

Saint-Guilhem, R.
THE PRINCIPLES OF DIMENSIONAL ANALYSIS: INVARIANCE OF VECTOR RELATIONS IN CERTAIN AFFINE GROUPS OF TRANSFORMS. Tr. by F. A. Gifford, Jr. Mar 67, 91p, 18refs. IERTM-ATDL-3.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61510

Trans. of Memorial des Sciences Mathematiques (France) v52 1962.

B. Operations research

TT-67-31273 Field 12B, 9D, 9B, 6D

TECHNICAL CYBERNETICS, NO. 1, 1967. 14 Apr 67, 299p, refs. JPRS-40629.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31273

Trans. of Akademiya Nauk SSSR, Izvestiya. Tekhnicheskaya Kibernetika, n1 192p 1967.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-31303 Field 12B, 6D

Pugachev, V. S.
OPTIMAL TRAINING ALGORITHMS FOR AUTOMATIC SYSTEMS IN THE CASE OF A NONIDEAL TEACHER. 17 Apr 67, 8p, 2refs. JPRS-40659.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31303

Trans. of Akademiya Nauk SSSR, Doklady, v172 n5 p1039-42 1967.

13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING

A. Air conditioning, heating, lighting and ventilating

NCH-207 833 Field 13A

Fafournoux, J.
THE IMPORTANCE OF MEASUREMENT AND CONTROLS IN THE REGULATION OF BOILERS AND FURNACES. 5 Dec 66, 35p. TC-2941.
Order from TC: $18.00 as TC-2941

Trans. of Association Francaise des Techniciens du Petrole. Revue, n177 p91-116 1966.

NCH-208 305 Field 13A, 13K

Goerke, H.
TRANSFER PUMPS FOR BOILERS WITH POSITIVE CIRCULATION. 1967. BSRA-2480.
Order from BSRA: L5 as BSRA-2480

Trans. of Energie (West Germany) v15 n4 p129ff 1963.

B. Civil engineering

NCH-207 823 Field 13B

Kroke, R.
OZONE AND CHLORINE IN WATER TREATMENT. 5 Dec 66, 17p. TC-2912.
Order from TC: $13.00 as TC-2912

Trans. of Vom Wasser (West Germany) v31 p108-24 1964.

NCH-207 824 Field 13B

Aehnelt, W. R.
HALF-LENGTH AS A MEASURE OF THE EXCHANGE ACTIVITY IN ADSORPTION PROCESSES OR CHEMICAL REACTIONS, ESPECIALLY IN WATER PURIFICATION. 5 Dec 66, 14p. TC-2913.
Order from TC: $11.50 as TC-2913

Trans. of Vom Wasser (West Germany) v31 p125-33 1964.

NCH-208 134 Field 13B, 13H

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TT-67-31378 Field 13C, 13I, 13M

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TT-67-31399 Field 13C

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NCH-208 207 Field 13D, 11I

Riedewaldt-Schott.
CAN PLASTIC PACKAGES SOLVE SOME OF THE ODOR PROBLEMS. 1967, 11p. TC-2140.
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NCH-208 107 Field 13F, 20K

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TT-67-31334 Field 13F, 17B, 13H

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TT-67-31342 Field 13F, 17B, 13H

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NCH-208 108 Field 13G

Bogdanov, G. G.
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NCH-207 496 Field 13H, 7D

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NCH-208 361 Field 13H, 11F

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NCH-208 364 Field 13H, 11F

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NCH-208 365 Field 13H, 11F

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NCH-208 366 Field 13H, 11F

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NCH-208 368 Field 13H, 11F

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NCH-208 370 Field 13H

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NCH-208 371 Field 13H, 11F

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NCH-208 372 Field 13H

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NCH-208 375 Field 13H, 11F

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NCH-208 376 Field 13H, 11B, 20B

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NCH-208 377 Field 13H, 11F

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NCH-208 382 Field 13H, 11F

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NCH-208 384 Field 13H, 11F

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NCH-208 391 Field 13H, 11F

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NCH-208 392 Field 13H, 11F

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NCH-208 393 Field 13H, 11B, 11F

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INFLUENCE OF SOME FACTORS IN BASIC OXYGEN

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NCH-208 395 Field 13H, 11F

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NCH-208 396 Field 13H, 11F

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NCH-208 397 Field 13H, 11F

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NCH-208 398 Field 13H, 11F

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NCH-208 399 Field 13H, 11F, 20B

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NCH-208 490 Field 13H, 11F

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TT-67-31403 Field 13H, 20K, 14B

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NCH-207 430 Field 13J

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NCH-208 184 Field 13J

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NCH-208 292 Field 13J, 11C, 13H

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NCH-208 295 Field 13J, 13I

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NCH-208 326 Field 13J

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NCH-208 435 Field 13J

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NCH-208 437 Field 13J, 5C

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NCH-208 438 Field 13J, 13G

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NCH-208 441 Field 13J

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NCH-208 442 Field 13J

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NCH-208 444 Field 13J

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NCH-208 446 Field 13J

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NCH-208 447 Field 13J

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NCH-208 448 Field 13J

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Order from BSRA: L5 as BSRA-2522

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NCH-208 451 Field 13J

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NCH-208 456 Field 13J

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NCH-208 457 Field 13J

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Order from BSRA: L5 as BSRA-2529

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NCH-208 458 Field 13J

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Order from BSRA: L5 as BSRA-2530

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NCH-208 460 Field 13J, 1C

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Order from BSRA: L5 as BSRA-2532

Trans. of Association Technique Maritime et Aeronautique Meeting, 1966. Paper, n. p., n.d.

NCH-208 461 Field 13J

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Order from BSRA: L5 as BSRA-2533

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NCH-208 463 Field 13J

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Order from BSRA: L5 as BSRA-2535

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Order from BSRA: L5 as BSRA-2537

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NCH-208 466 Field 13J

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Order from BSRA: L5 as BSRA-2538

Trans. of Hansa (West Germany) v102 n24 p2321ff 1965.

NCH-208 467 Field 13J

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Order from BSRA: L5 as BSRA-2539

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31277

TT-67-31396 Field 13J, 13F

USSR TRANSPORTATION: TRANSLATIONS NO. 179. 25 Apr 67, 22p. JPRS-40753.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31396

K. Pumps, filters, pipes, fittings, tubing and valves

NCH-208 130 Field 13K, 11F, 11I

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PLASTIC COATED STEEL PIPE FOR BURIED PIPELINES. Mar 67. BISI-5238.
Order from BISI: $15.40 as BISI-5238

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L. Safety engineering

NCH-208 454 Field 13L

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Order from BSRA: L5 as BSRA-2526

Trans. of Veritas (sic) v11 p16ff 1966.

14 METHODS AND EQUIPMENT

B. Laboratories, test facilities, and test equipment

NCH-207 826 Field 14B, 7B, 7C, 7D

Pawlikowska, D.; Bankowski, Z.
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Order from TC: $14.00 as TC-2921

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NCH-208 209 Field 14B

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Order from TC: $6.00 as TC-2170

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NCH-208 486 Field 14B

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APPARATUS FOR THE MEASUREMENT OF FRICTIONAL ELECTROSTATIC CHARGES AND ELECTROSTATIC PROPERTIES OF HIGH POLYMERS. 17 Mar 67, 18p. TC-3188.
Order from TC: $18.00 as TC-3188

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NCH-208 188 Field 14E

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MAJOR PROBLEMS OF THE DEVELOPMENT OF NARROW FILM MOTION PICTURES. 1967, 23p. TC-1931.
Order from TC: $19.00 as TC-1931

Trans. of Tekhnika Kino i Televideniya (USSR) v9 n5 p9-17 1965.

NCH-208 225 Field 14E

VERY HIGH SPEED PRINTING BY AN ELECTROSTATIC ELECTROGRAPHY. 1967, 4p. TC-2220.
Order from TC: $4.00 as TC-2220

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NCH-208 227 Field 14E

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FORMATION OF THE LATENT IMAGE WITH FLASH EXPOSURE SERIES. 1967, 15p. TC-2228.
Order from TC: $14.00 as TC-2228

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NCH-208 487 Field 14E

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SENSITIVITY AND SHARPNESS OF X-RAY FILM WITH INTENSIFYING FOILS. 17 Mar 67, 23p. TC-3135.
Order from TC: $18.00 as TC-3135

Trans. of Photographische Korrespondenz (Austria) v102 n8 p118-26 1966.

15 MILITARY SCIENCES

C. Defense

TT-67-31377 Field 15C, 5I

MILITARY INFORMATION ON EASTERN EUROPE NO. 157. Ukase on Educational Rights in Bulgaria of Graduates of Certain Military Educational Institutions Implemented. 24 Apr 67, 13p. JPRS-40734.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31377

Trans. of Durzhaven Vestnik (Bulgaria) n25 3p 1967.

G. Operations, strategy, and tactics

TT-67-31264 Field 15G, 5I

NORTH VIETNAM: TRANSLATIONS NO. 146. 13 Apr 67, 43p. JPRS-40620.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31264

TT-67-31389 Field 15G, 2E, 2D, 5C

NORTH VIETNAM: TRANSLATIONS NO. 153. 23 Apr 67, 25p. JPRS-40746.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31389

TT-67-31392 Field 15G, 6E, 2B, 5C

NORTH VIETNAM: TRANSLATIONS NO. 154. 24 Apr 67, 37p. JPRS-40749.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31392

16 MISSILE TECHNOLOGY

No Entries

17 NAVIGATION, COMMUNICATIONS DETECTION AND COUNTERMEASURES

B. Communications

TT-67-31337 Field 17B

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 82. 19 Apr 67, 30p. JPRS-40694.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31337

TT-67-31347 Field 17B, 8B

Veshev, A. V.; Egorov, V. A.
METHOD OF OBSERVING AND INTERPRETING THE RESULTS OF STUDYING THE FIELDS OF RADIO BROADCASTING STATIONS. 19 Apr 67, 20p, 15refs. JPRS-40704.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31347

Trans. of Leningrad Univ. Uchenye Zapiski (USSR) n329 p172-89 1966.

TT-67-31402 Field 17B

Yaroshevskii, I. M.; Medvedev, A.
USSR INDUSTRIAL DEVELOPMENT: ELECTRONICS AND PRECISION EQUIPMENT NO. 22. 25 Apr 67, 9p. JPRS-40759.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31402

Trans. of Avtomatika, Telemekhanika i Svyaz (USSR) n3 p43 1967 and from Pravda Ukrainy (USSR) 25 Mar p1 1967.

TT-67-61572 Field 17B, 20N, 20A, 8K

Krasnushkin, P. E.; Yablochkin, N. A.
THEORY OF PROPAGATION OF VERY LONG WAVES. 16 Feb 67, 112p, 53refs. FTD-MT-67-397; AD-650 489.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-650 489

Edited machine trans. of mono. Teoriya Rasprostraneniya Sverkhdlinnykh Voln, Moscow, 1963 94p.

G. Navigation and guidance

TT-67-61578 Field 17G

Babaeva, N. F.; Erofeev, V. M.; Sivokonenko, I. M.; Khovanskii, Yu. M.; Yavlenskii, K. N.
COMPONENTS AND ELEMENTS OF GYROSCOPIC INSTRUMENTS. 5 Dec 66, 575p, 114refs. FTD-HT-66-359; AD-650 616.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-650 616

Unedited rough draft trans. of mono. Detali i Elementy Giroskopicheskikh Priborov, Leningrad, 1962 498p.

I. Radar detection

TT-67-31365 Field 17I

Ch'u Tsung-cheng.
COMMUNIST CHINA: SCIENCE AND TECHNOLOGY TRANSLATIONS NO. 376. Phase Stability of the Intermediate-Frequency Carrier in a Radar Site. 21 Apr 67, 21p. JPRS-40722.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31365

Trans. of Wu Hsien Tien Chi Shu (Chinese People's Republic) n12 p9-15 1965.

18 NUCLEAR SCIENCE AND TECHNOLOGY

A. Fusion devices (Thermonuclear)

TT-67-61481 Field 18A, 20I

NUCLEAR FUSION, VOL. 6, NO. 3, 1966: SELECTED ARTICLES. 1966, 88p, refs. AEC-tr-6675.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AEC-tr-6675

Trans. from Nuclear Fusion (Austria) v6 n3 p169-81, 188-99, 212-4, 228-30 1966.

D. Nuclear instrumentation

TT-67-61642 Field 18D

Arkhangelskaya, V. A.; Razumova, T. K.
LUMINESCENT DOSIMETRY OF HARD RADIATION. LABORATORY DOSIMETER. 1967, 7p, 6refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61642

Trans. of Optiko-Mekhanicheskaya Promyshlennost (USSR) n2 p16-20 1967.

H. Radioactivity

NCH-207 491 Field 18H, 7B

Trifonov, D. N.
ISOTOPY AND RADIOACTIVITY OF RARE-EARTH ELEMENTS. Jun 66, 17p. RTS-3245.
Order from NLL: 40s as RTS-3245

Trans. of mono. Problema Redkikh Zemel, n. p., 1962 p135-50.
Survey of Isotopic Content, Properties and Uses of Rare Earths.

K. Reactor physics

TT-66-57000/2 Field 18K, 18I

NUCLEONICS, VOL. 11, NO. 2, 1966. 1967, 72p, refs. SFCSI-AEC(TT-66-57000/2); AEC-tr-6648.
Order from CFSTI: $3.00 as AEC-tr-6648

Trans. of Nukleonika (Poland) v11 n2 p79-146 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-31327 Field 18K, 18J

RECENT DEVELOPMENTS IN ATOMIC ENERGY. 18 Apr 67, 35p, refs. JPRS-40684.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31327

Trans. of Atomnaya Energiya (USSR) v21 n6 p450-65, 476-8 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

19 ORDNANCE

A. Ammunition, explosives, and pyrotechnics

TT-67-61568 Field 19A, 19D

Ahrens, H.
ON THE BEHAVIOR OF REACTIVE SYSTEMS WITH SEPARATE CRYSTALLINE PHASES, WITH OR WITHOUT DETONATIVE ACTIVATION. Tr. by R. F. Brinkley. Feb 67, 40p, 63refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61568

Trans. of Explosifs (Belgium) n1 p5-28 1966.

TT-67-61569 Field 19A, 19D

Deffet, L.; Fosse, C.
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NCH-207 131 Field 20D

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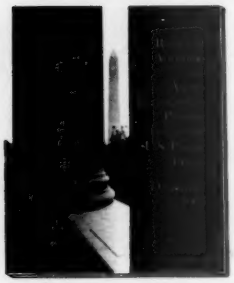

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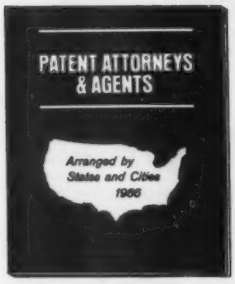

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